



The Next Chapter in Family History™

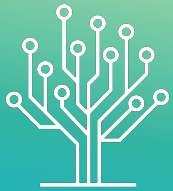
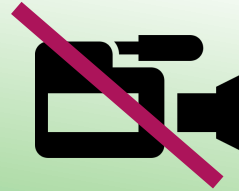
storied.com



Using AI (tools like ChatGPT) to Help You with Your Family History



- Please silence all electronic devices
- No audio or video recording
- Photos allowed



Kendall Hulet
Storied CEO



Laryn Brown
Storied VP of Content



What we are covering today...



- The Artificial Intelligence Landscape - what tools to use
- How AI is influencing transcription
- Three use cases for AI in your daily research
 - Using AI to help understand the context of records
 - Using AI to assist in writing stories
 - Using AI to assist in illustrating stories
- What the future may hold...



The AI Landscape



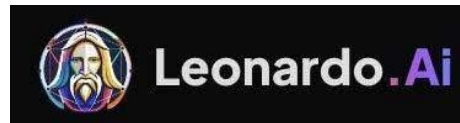
The landscape is changing every week...

 Storied

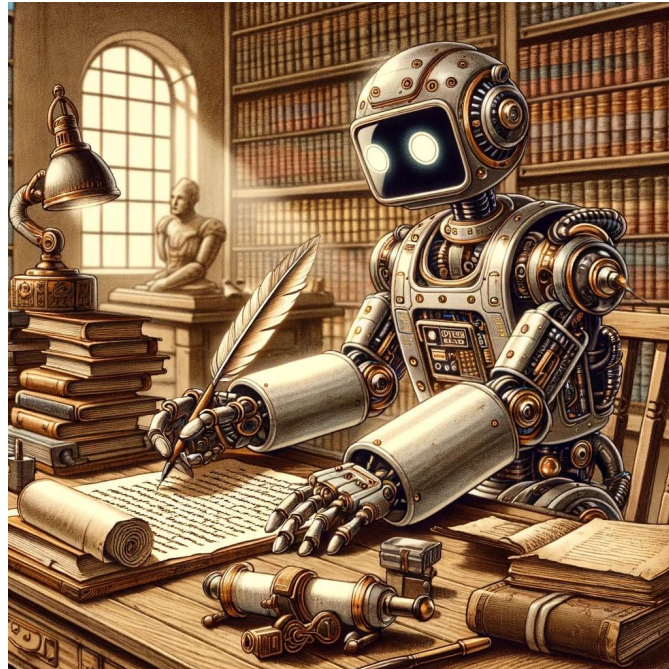


The Gemini logo, featuring a purple four-pointed star above the word "Gemini" in a blue-to-purple gradient font.

- OpenAI - Chat GPT4, Chat GPT3.5, DALL-E3 (\$\$)
- Claude (free)
- Google - Bard, Gemini, Imagen (free)
- Midjourney, Leonardo, Firefly-Adobe (\$\$)



How AI is Influencing Transcription



AI-Enabled Record Transcription



Step 1: Image Segmentation

DEPARTMENT OF COMMERCE—BUREAU OF THE CENSUS
FIFTEENTH CENSUS OF THE UNITED STATES: 1950
POPULATION SCHEDULE

State of Massachusetts County of Worcester Census District No. 14-2nd Sheet No. 490

Enumeration District No. 4 Superior's District No. 4

Transcribed on this date April 27, 1950 by Richard J. [unclear]

Full Name Relation Age Birthplace Father Birthplace Mother Birthplace Occupation Gender Race Marital Status

Step 2: Handwriting Recognition

Field	Segment	Transcription
Full name		McCann, Frank
Relation		Head
Gender		M
Race		W
Age		74
Marital status		S
Birthplace		Oregon
Father's birthplace		England
Mother's birthplace		Denmark
Family Number		348
Occupation		Truck Driver

Only a few organizations have this capability. The 1950 Census has been transcribed by:



AI-Enabled Record Transcription



Pro: Much faster and cheaper transcription process

“In past years, thousands of indexing volunteers spent months or even years making census collections searchable.” - FamilySearch

- 1930 = over 1 year
- 1940 = 9 months
- 1950 = weeks

Con: Accuracy drops from ~98% to ~85%



41 Feulner, Emil

< Back

1950 United States Federal Census

* Adjust 🔍

< 12 of 16 >

CONFIDENTIAL This report is authorized by Act of Congress (49 Stat. 19, 15, U. S. C. 106-010) which requires that a report made by the Government be printed and distributed as a public document. This Census report must be used for purposes of research, instruction, or education.

U. S. DEPARTMENT OF COMMERCE
BUREAU OF THE CENSUS
FORM P1
1950 CENSUS OF POPULATION AND HOUSING

DATE: APR 10 1950
COUNTY: Salt Lake
NAME: Emil Feulner

FOR HEAD OF HOUSEHOLD						FOR ALL PERSONS												FOR PERSONS 14 YEARS OF AGE AND OVER																																																																																	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
<p>1. NAME OF HEAD OF HOUSEHOLD: Emil Feulner</p> <p>2. RELATIONSHIP OF HEAD TO HEAD OF HOUSEHOLD: Head</p> <p>3. NAME OF ALL OTHER PERSONS IN THIS HOUSE: Muriel D. son, Helene J. daughter, Roger L. son, Valiant, Mary E. wife, Judith L. daughter, Verlyn daughter, Irene D. wife, June daughter, Donna M. daughter, Marlene M. daughter, Raymond William Baker Head, Harold J. wife, Muel daughter, Rex A. son</p>						<p>4. SEX: M</p> <p>5. RACE: W</p> <p>6. BIRTH DATE: 1879</p> <p>7. BIRTH PLACE: Germany</p> <p>8. MARITAL STATUS: Married</p> <p>9. RELATIONSHIP TO HEAD OF HOUSE: Head</p> <p>10. AGE: 70</p>												<p>11. OCCUPATION: Farmer</p> <p>12. INDUSTRY: Farming</p> <p>13. TYPE OF WORK: 0</p> <p>14. MONTHS WORKED: 12</p> <p>15. TYPE OF BUSINESS: Farmer</p> <p>16. TYPE OF BUSINESS: Farming</p> <p>17. TYPE OF BUSINESS: 0</p> <p>18. MONTHS WORKED: 12</p>																																																																																	

Emil Feulner

1950 United States Federal Census

Name Emil Feulner
[Emil Feulner]

Residence Salt Lake County, Utah, USA

Residence Date 1 Apr 1950

Birthplace Germany

Gender Male

Marital Status Married

Relation to Head of House Head

Age 55

Household Born Age Relationship

Irene D Feulner 1897 53 Wife

June Feulme 1927 23 Daughter

Donna M Feulner 1933 17 Daughter

Marlene M Feulme 1940 10 Daughter

"1950 United States Federal Census," database, Storied, (https://www.storied.com/) - April 2022). Citing Seventeenth Census of the United States, 1950, NARA digital publication T627. Records of the Bureau of the Census, 1790 - 2007, RG 29. Washington, D.C.: National Archives and Records Administration, 2012.

Edit

X

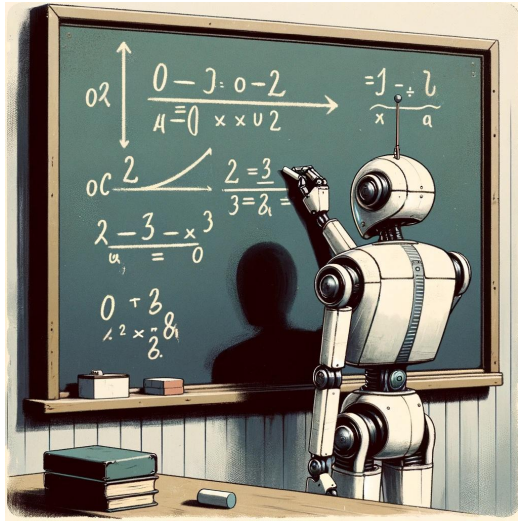
What does this mean for you?



1. The drop in accuracy means some records are going to be harder to find in 1950
2. Corrections to the transcription become very important to improve the overall accuracy of AI transcribed records
3. Using a second index can help you find names that are mis-transcribed in the first index you try



Three Use Cases for AI



- Using AI to help understand the context of records
- Using AI to assist in writing stories
- Using AI to assist in illustrating stories

Using AI to Understand Context

CAUSE FIELD AS FOLLOWS:	DATE OF ONSET
Cerebral Hemorrhage	1-27-39
(82)	
Contributory causes of importance not related to principal cause: Arteriosclerosis	

STANDARD CERTIFICATE OF DEATH

PLACE OF DEATH
County Macon Registration District No. 42-60 Certificate No. 13
Township _____ or Village _____ or _____
City Roanoke Rapids St. _____ Ward _____
(If death occurred in a hospital or institution, give its Name instead of street and number)

Length of residence in city or town where death occurred _____ yrs. _____ mos. _____ ds. How long in U. S. if of foreign birth? _____ yrs. _____ mos. _____ ds.

1. FULL NAME John Brown
(a) Residence: No. Frank Lips, R2 St. _____ Ward _____
(Usual place of abode) (If non-resident give city or town and State)

PERSONAL AND STATISTICAL PARTICULARS

3. SEX M 4. COLOR OR RACE White 5. Single, Married, Widowed, or Divorced (write the word) Married
6. If married, widowed, or divorced HUSBAND of Annie E. Brown WIFE of _____
7. AGE 50 Years _____ Months _____ Days _____ if LESS than 1 day, _____ hrs. or _____ min.
8. Trade, profession, or particular kind of work done, as spinner, sewer, bookkeeper, etc. Textile
9. Industry or business in which work was done, as silk mill, saw mill, bank, etc. Textile
10. Date deceased last worked at this occupation (month and year) _____ 11. Total time (years) spent in this occupation _____

12. BIRTHPLACE (city or town) NC
(State or country)

13. NAME Unknown

14. BIRTHPLACE (city or town) _____
(State or country)

15. MAIDEN NAME Unknown

16. BIRTHPLACE (city or town) _____
(State or country)

17. INFORMANT Annie E. Brown
(Address) Roanoke Rapids, NC

18. BURIAL, CREMATION, OR REMOVAL
Place Roanoke Rapids, NC Date Jan 29, 1939

19. UNDERTAKER J. A. Wilson
(Address) Frank Lips, R2

20. FILED 2/10 1939 Edwards
REGISTRAR

MEDICAL CERTIFICATE OF DEATH

21. DATE OF DEATH (month, day, and year) Jan 27, 1939

22. I HEREBY CERTIFY that I attended deceased from Jan 27 1939 to Jan 27 1939
I last saw him alive on Jan 27, 1939 death is said to have occurred on the date stated above at 6:50 P. M.

The principal cause of death and related causes of importance in order of onset were as follows: _____ Date of onset _____

Cerebral Hemorrhage 1-27-39

(Signature) _____

Contributory causes of importance not related to principal cause: arteriosclerosis

Name of operation _____ date of _____

What test confirmed diagnosis? _____ Was there an autopsy? _____

23. If death was due to external causes (violence) fill in also the following:
Accident, suicide, or homicide? _____ Date of injury _____ 19 _____

Where did injury occur? _____ (Specify city or town, county, and State)
Specify whether injury occurred in industry, in home, or in public place.

Manner of injury _____

Nature of injury _____

24. Was disease or injury in any way related to occupation of deceased? _____

If so, specify _____

(Signed) [Signature] M. D.

(Address) Roanoke Rapids, NC

MARGIN RESERVED FOR BINDING

N. B.—WRITE PLAINLY, WITH UNFADING INK.—THIS IS A PERMANENT RECORD. Every item of information should be carefully supplied. AGE should be stated EXACTLY. PHYSICIANS should state CAUSE OF DEATH in plain terms, so that it may be properly classified. Exact statement of OCCUPATION is very important. See instructions on back of certificate.

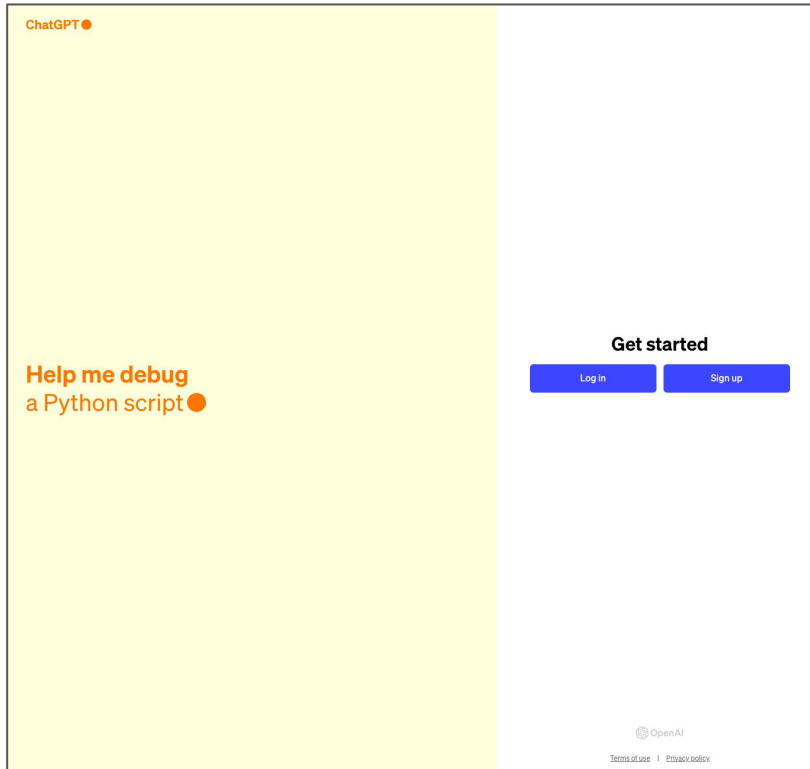
Questions

Why did John Brown die at such a young age?

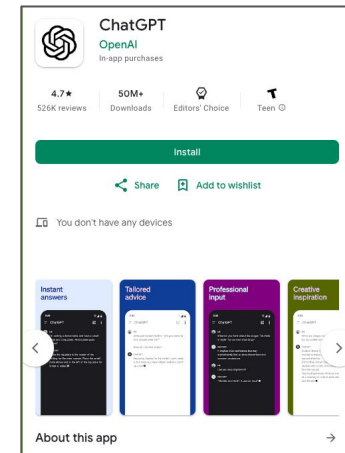
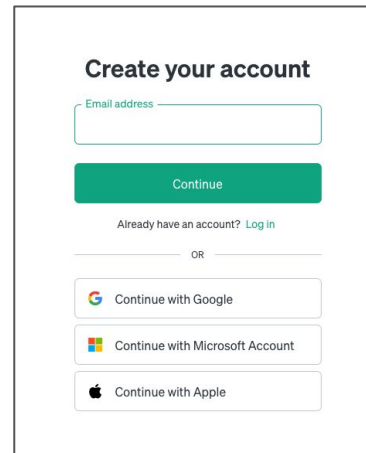
What was it like to live in Roanoke Rapids, North Carolina from 1888 to 1939?

What was it like to work in the Textile industry?

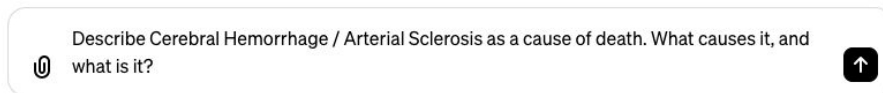
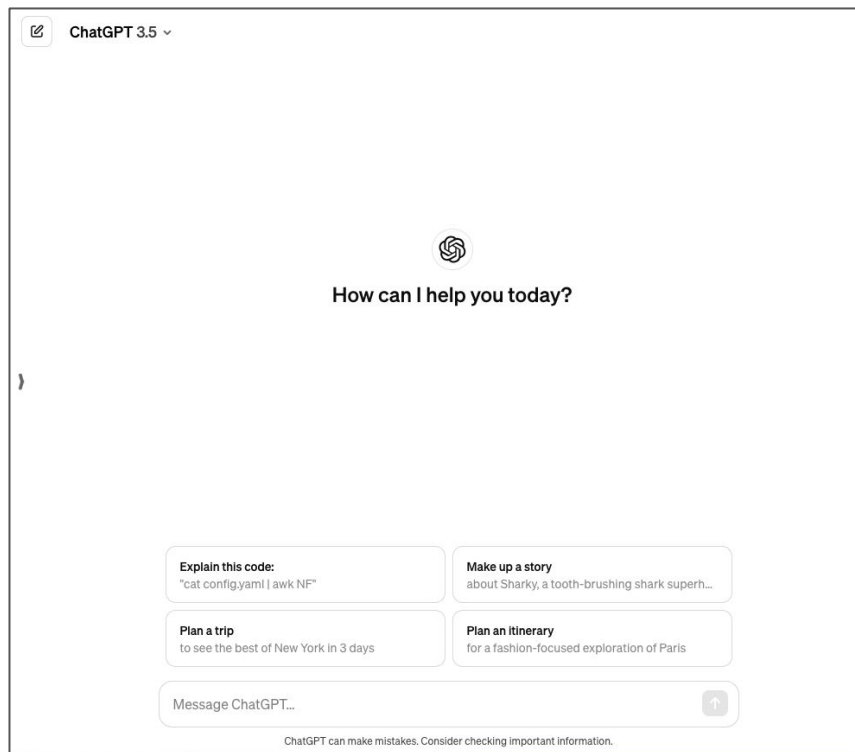
Step 1: Sign up or log in to Chat GPT



Visit chat.openai.com
or
download the “ChatGPT” app



Step 2: Write a question or a command





You

Describe Cerebral Hemorrhage/ Arterial Sclerosis as a cause of death. What causes it, what is it?



ChatGPT

Cerebral Hemorrhage and Arterial Sclerosis are two distinct conditions that can contribute to or cause death, often by affecting the brain's blood supply.

1. Cerebral Hemorrhage (Brain Hemorrhage):

- **What it is:** Cerebral Hemorrhage refers to bleeding within the brain tissue or surrounding areas. This bleeding can result from a ruptured blood vessel in the brain.
- **Causes:** It's often caused by high blood pressure, which weakens the walls of the arteries over time. Other causes can include head trauma, aneurysms (weak areas in blood vessel walls), or blood disorders. Certain lifestyle factors like smoking and excessive alcohol use can also contribute.
- **Effects:** The bleeding can cause an increase in pressure within the skull, leading to damage in brain tissues. It can disrupt the normal flow of blood and deprive brain cells of oxygen, leading to cell death. Symptoms may include sudden headache, weakness, numbness, difficulty speaking, and loss of vision or balance.
- **As a Cause of Death:** Severe cerebral hemorrhage can be fatal, especially if it leads to significant brain damage, increased intracranial pressure, or herniation (where brain tissue is pushed into spaces where it does not belong).

2. Arterial Sclerosis:

- **What it is:** Also known as atherosclerosis, arterial sclerosis is the thickening and hardening of the walls of the arteries.
- **Causes:** It's typically caused by the buildup of plaques (comprised of fat, cholesterol, calcium, and other substances) in the artery walls. Risk factors include high cholesterol, high blood pressure, smoking, diabetes, obesity, and a sedentary lifestyle.
- **Effects:** This condition can restrict blood flow or lead to the complete blockage of arteries. If arteries that supply blood to ↓ brain are affected, it can lead to a

Question:

Why did John Brown die at such a young age?

Probably from the effects of smoking, which led to a hemorrhagic stroke.



You

What was it like to live in Roanoke Rapids, North Carolina from 1888 to 1939?



ChatGPT

Living in Roanoke Rapids, North Carolina, between 1888 and 1939, would have been a period marked by significant change and development, reflecting both the local dynamics of a growing industrial town and the broader national trends of the United States during this era.


1. **Early Development (Late 1800s):**

- In 1888, Roanoke Rapids was a very young community. The town was incorporated in 1897, so in the late 1880s, it would have been a small, developing area.
- The establishment and growth of the Roanoke Mills Company, a textile mill, during this period would have been a central aspect of life. This mill played a crucial role in shaping the town's economy and society.
- The community would have been small and closely-knit, with a rural character and a primarily agricultural economy before the growth of the textile industry.

2. **Growth and Industrialization (Early 1900s):**

- The early 20th century saw Roanoke Rapids grow due to the flourishing textile industry. The town became a hub for cotton mills, which were the main employers.
- Life in these times was likely centered around the mill village, where housing, schools, and churches were often provided by the mills for their workers.
- The community would have been marked by a strong work culture, with entire families often involved in mill work.

3. **The Great Depression (1930s):**

- The Great Depression, starting in 1929, would have significantly impacted Roanoke Rapids, like many other American towns.
- Economic hardship due to the Depression might have led to job losses, wage cuts, and difficult living conditions for many residents, particularly those dependent on mill work.
- Despite the tough economic conditions nationwide, Roanoke Rapids' textile mills continued operations, albeit with challenges, which might have provided some economic stability compared to harder  areas.



Question:

What was it like to live in Roanoke Rapids, North Carolina from 1888 to 1939?

Six years before John Brown was born, the Roanoke Mills Company was established. It quickly became the driving force behind a transition from a small agricultural community to a “milltown” with the jobs and challenges that entails.





You

What was it like to work for the Roanoke Mills Company in Roanoke Rapids in the early 1900s?



ChatGPT

Working for the Roanoke Mills Company in Roanoke Rapids, North Carolina, during the early 1900s would have been an experience shaped by the conditions and norms of the textile industry of that era, as well as the broader social and economic context of the Southern United States.

1. **Working Conditions:**

- **Long Hours and Manual Labor:** Workers typically faced long hours, often six days a week. The work was manual and could be quite labor-intensive.
- **Textile Machinery:** Employees operated and maintained various types of textile machinery, which could be noisy and potentially dangerous.
- **Skill Levels:** There would have been various roles ranging from unskilled laborers to skilled craftsmen, with the majority being unskilled or semi-skilled workers.

2. **Economic Factors:**

- **Wages:** Wages in textile mills like Roanoke Mills were often low, reflecting the broader trend in the textile industry at the time.
- **Job Security:** While job security might have been relatively stable, the work was not highly paid, and employees often lived paycheck to paycheck.

3. **Mill Village Life:**

- **Housing:** Many workers lived in mill villages, where houses were owned by the mill and rented to employees. This created a close-knit community but also meant that workers' lives were closely tied to the mill.
- **Community Facilities:** The mill village often included facilities like schools, churches, and stores, creating a self-contained community.

4. **Social Aspects:**

- **Family Involvement:** It was common for entire families to work in the mills, including women and, at times, children.
- **Social Events:** Social life often revolved around the mill with events, gatherings, and activities organized by the company within the community.



Question:

What was it like to work in the Textile industry?

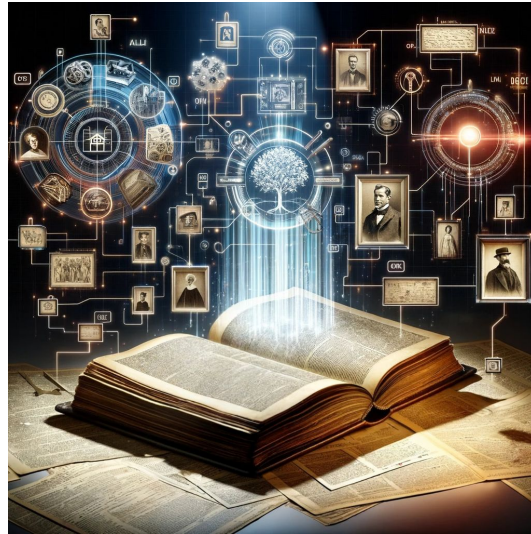
Long work hours, six days a week, low wages, and dangerous working conditions.

Mills were not unionized and workers had little bargaining power. The mill often owned their homes and ran stores to purchase goods on credit from.

As a white man, John Brown had the best situation as women, children, and black workers were paid less.

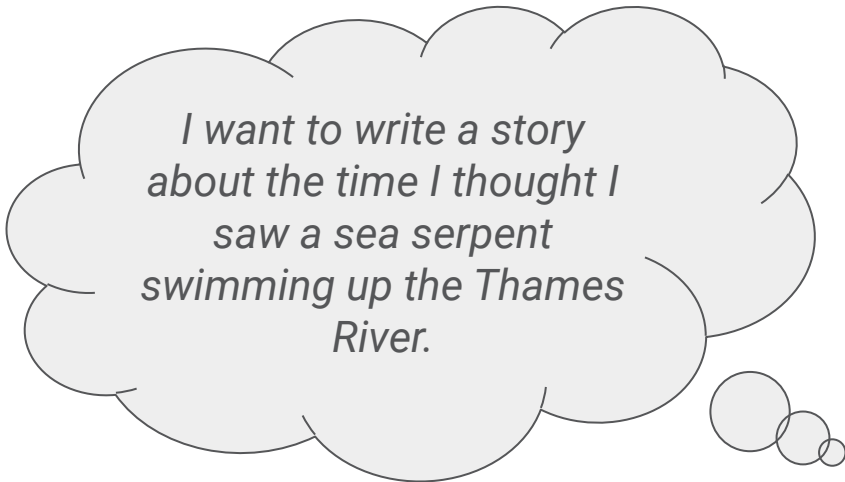


Using AI to Assist in Writing Stories



Step 1: Generate a topic idea

What do you want to write about?

A large, light gray thought bubble with a black outline, containing text. It has three smaller circles of decreasing size leading to it from the bottom right.

*I want to write a story
about the time I thought I
saw a sea serpent
swimming up the Thames
River.*

Step 2: Turn your idea into a prompt



Write a 200 word story based on the following facts. The tone should be historical and factual, but in first person, as in a memoir. The title should be “Sea Serpent Spotted in Hammersmith!”

Location: The Thames River, Hammersmith, London

Setting: Late evening, the sun just going down

Brief description: As I was preparing to go home for the day, I looked out the window of my office onto the Thames River and saw something unusual swimming upstream. It looked like a snake, head about the size of a football, about 12 feet long, body undulating as it swam. I watched it swim for about five minutes until it was out of sight.



Step 3: Submit the prompt and evaluate the results

Write a 200 word story based on the following facts. The tone should be historical and factual, but in first person, as in a memoir. The title should be "Sea Serpent Spotted in Hammersmith!"

Location: The Thames River, Hammersmith, London

Setting: Late evening, the sun just going down

Brief description: As I was preparing to go home for the day, I looked out the window of my office onto the Thames River and saw something unusual swimming upstream. It looked like a snake, head about the size of a football, about 12 feet long, body undulating as it swam. I watched it swim for about five minutes until it was out of sight.

FB

Here is a 197-word first-person memoir excerpt titled "Sea Serpent Spotted in Hammersmith!":

Sea Serpent Spotted in Hammersmith!


It was a Tuesday evening in late spring when the extraordinary events transpired. I was preparing to leave my office, gathering my things after another long day at the accounting firm, when I casually gazed out the large window overlooking the Thames. As the setting sunlight glittered on the river's surface, an otherworldly shape caught my eye. An elongated, serpentine creature was swimming determinedly upstream, against the current!

I froze, stunned by the snake-like curves of its body and the way its head bobbed above the waves – as large as a football! I estimated its length at 12 feet or more as the coils propelled it steadily forward. I watched, fascinated, my paperwork forgotten in my hands as it drew level with the office. Its wet, scaly skin glistened in the dying light. Five minutes I stood gaping before it rippled out of view toward Hammersmith Bridge.



Step 4: Modify the prompt to get the result you want

Retry with a little less dramatic tone.

Retry with a little less dramatic tone. 





Here is a 197-word attempt at a less dramatic, factual first-person memoir excerpt:

Sea Serpent Spotted in Hammersmith!

It was a typical spring evening when I witnessed something most unexpected. Preparing to leave my office overlooking the Thames River, I glanced out the window and spotted an unusual creature swimming upstream. Based on my steady observation over the next five minutes or so, I can best describe it as serpent-like in shape, with a head approximating the size of a football and a body extending around 12 feet behind.

The animal propelled itself against the river's flow with a submerged, undulating motion that curled its spine in an elongated S-shape. Its skin appeared wet, smooth and sleek, glinting in the dim evening sunlight. I watched, fascinated and admittedly puzzled, as it purposefully made its way past my riverside vantage point, not once surfacing for air. A few office mates joined me but by then it had disappeared toward Hammersmith Bridge, not to be seen again that night.

Authorities found no further evidence of the odd swimmer. An exotic pet or novelty creature escaped from its owner perhaps? All I can confirm is what I observed myself that evening - a serpentine form that I never expected to witness in the Thames.

  Copy  Retry 



Step 5: Iterate, edit, and make it your own



ChatGPT

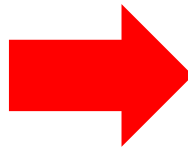
"Sea Serpent Spotted in Hammersmith!"

It was one of those late evenings in Hammersmith when the sun hesitates just before it dips below the horizon, casting a golden glow over the Thames. The day had been long and tiring, and I was in the process of closing up my office. As I glanced out of the window, which overlooks the serene expanse of the river, something in the water caught my eye.

At first, I thought it was a trick of the light, perhaps a shadow cast by the setting sun. But as I focused, it became clear that this was no mere shadow. There, in the tranquil waters of the Thames, was a creature unlike any I had ever seen. Its head, the size of a football, bobbed above the surface, leading a long, undulating body that stretched about 12 feet in length. It resembled a snake, but of a size and form that defied all my understanding of the creatures of this river.

I stood transfixed, my eyes following its progress upstream. The creature moved with an effortless grace, its body rising and falling in the gentle currents of the Thames. For about five minutes, I watched in awe as this serpentine being made its way through the water, until finally, it slipped out of sight, leaving behind a wake of mystery and wonder.

In that moment, as the image of the creature faded from view, I knew I had witnessed something extraordinary, a sight that would stay with me for the rest of my days. The Thames, with all its history and secrets, had revealed to me a glimpse of the unknown, and I stood there, alone in my office, feeling a strange mix of fear and fascination. The river, I realized, was a far more mysterious place than I had ever imagined.



Sea Serpent Spotted in Hammersmith!

Hammersmith, Hammersmith and Fulham, Greater London, England
2007

I was preparing to leave my office, gathering my things after another long day at the office, when I casually glanced out the large window overlooking the Thames. I was used to seeing odd things on the water and even kept a small log of the strange things I had seen. But this day tops them all.

There in the setting sun, a serpentine creature was swimming determinedly upstream.

I froze, stunned by the snake-like curves of its body and the way its head bobbed above the waves – as large as a football! I estimated its length at 12 feet or more as it swam steadily forward.

I watched, fascinated, everything else forgotten, for about five minutes, trying to work out what I was seeing. Finally it swam out of sight under the Hammersmith Bridge.

I told my office mates about it the next day as no one else was in the office at the time. Nothing was mentioned in the news over the next few days. I remember every detail vividly though...who would believe me that I saw a sea serpent in the Thames that evening? Yet saw it I did!



Tip - Take advantage of tools that make this easier



StoryAssist is an experimental feature that helps you by writing a rough draft of your story that you can edit and change to make your own

Story Tone

Neutral

Happy

Funny

Sad

Serious

Narrator

Me

Someone else

What is the story about?

Add a main theme

Example:

The time I caught my first fish.

Be sure to include these important details

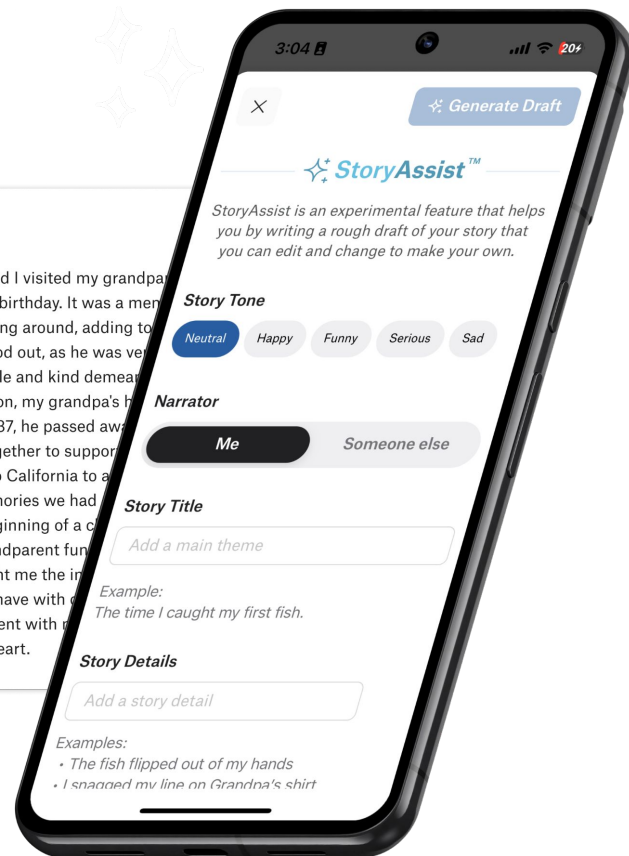
Add a story detail

Examples:

- The fish flipped out of my hands
- I snagged my line on Grandpa's shirt
- My sandwich fell in the lake

Grandpa Moore

When I was just four years old, my family and I visited my grandpa home to celebrate my great-grandpa's 84th birthday. It was a merry gathering, with a bunch of my cousins running around, adding to the chaos. Amongst the crowd, my grandpa stood out, as he was very tall and had a commanding presence. His warm smile and kind demeanor made me feel safe and loved. As time went on, my grandpa's health declined, and a few years later, when he was 87, he passed away. It was a difficult time for our family, but we came together to support each other through the grieving process. We traveled to California to attend to his paying our respects and cherishing the memories we had shared. Sadly, my grandpa's passing marked the beginning of a cloudy period in my life, as it was the first of three great-grandparent funerals within a three-year span. These losses taught me the importance of resilience, and cherishing the moments we have with our loved ones. Looking back, I am grateful for the time I spent with my grandpa. I continue to hold his memory close to my heart.



Using AI to Assist in Illustrating Stories



L.B

You

Based on the story above, create a black and white image, pen and ink style, that illustrates the story.

Storied



ChatGPT



Here is the black and white pen and ink illustration based on the story "Sea Serpent Spotted in Hammersmith!" The image captures the scene described in the story, with a person looking out from an office window at the serpent-like creature in the Thames River.







Sea Serpent Spotted in Hammersmith!

Hammersmith, Hammersmith and Fulham, Greater London, England
2007

I was preparing to leave my office, gathering my things after another long day at the office, when I casually glanced out the large window overlooking the Thames. I was used to seeing odd things on the water and even kept a small log of the strange things I had seen. But this day tops them all.

There in the setting sun, a serpentine creature was swimming determinedly upstream.

I froze, stunned by the snake-like curves of its body and the way its head bobbed above the waves – as large as a football! I estimated its length at 12 feet or more as it swam steadily forward.

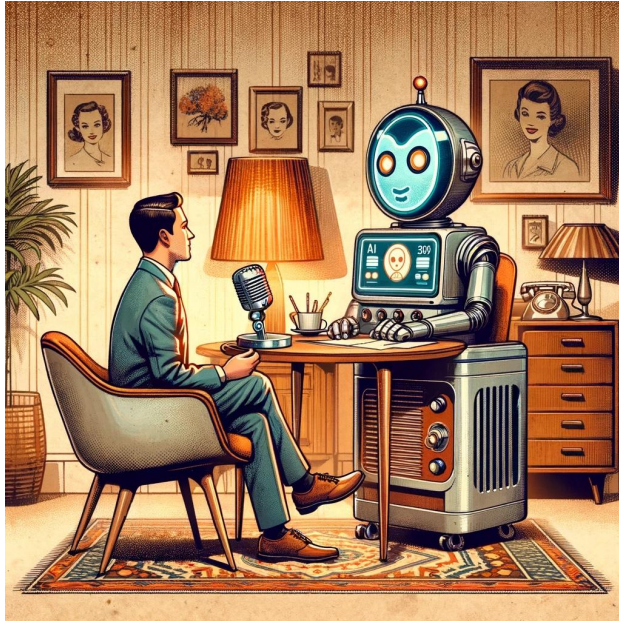
I watched, fascinated, everything else forgotten, for about five minutes, trying to work out what I was seeing. Finally it swam out of sight under the Hammersmith Bridge.

I told my office mates about it the next day as no one else was in the office at the time. Nothing was mentioned in the news over the next few days. I remember every detail vividly though...who would believe me that I saw a sea serpent in the Thames that evening? Yet saw it I did!

What the Future May Hold



What is on the horizon...



- AI interviewer to help you capture and write stories about your life
- AI search
- AI unlocking new types of content

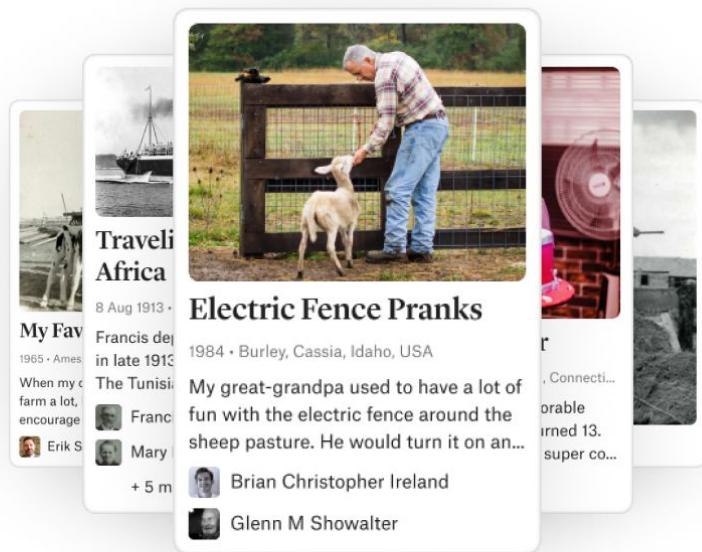


Questions?





The next chapter in family history



RootsTech Deal:
Only \$99 for a year!



INCLUDES

- ✓ Storied
- ✓ NewspaperArchive
- ✓ 1 Free StoriedBook™

Feedback

Remember to give feedback in the app!

1. Find this session in the RootsTech Mobile App
2. Scroll down to Fill Out Survey
3. Let us know how this session was

