

AI Is Here To Stay - Highly Recommend You Attend RootsTech 2026 Conference Either Remotely for Free or In-Person in Salt Lake City, March 5-7, 2026

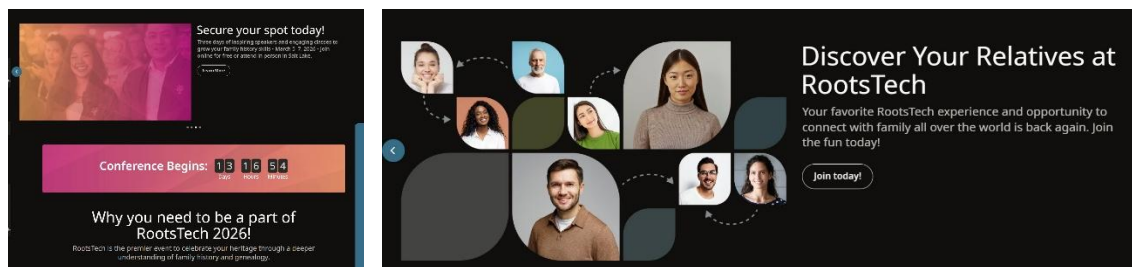
Why AI Matters in Genealogy?

Artificial intelligence (AI) doesn't replace genealogists — it **amplifies your ability** to discover, verify, and tell your family's story with far greater speed and depth. AI is transforming genealogy by making research faster, more accurate, and more accessible. At the RootsTech 2026 Conference which is the largest genealogical convention in the world that is a three-day event on March 5 -7, 2026 in Salt Lake City, there will be no less than 20 to 40 AI related lecture sessions devoted to AI techniques. It is estimated their AI-related sessions are between 20–40 sessions which is so variable because not all presentations are tagged as AI. RootsTech sessions are organized by **topic tags** rather than a single “AI track,” so AI content is spread across categories like:

- Technology
- Research tools
- Innovation forums
- Vendor demos

To further investigate these AI related presentations at RootsTech 2026, go to <https://www.familysearch.org/en/rootstech/schedule?day=2026-03-04>. Strongly recommend you consider attending this cutting-edge genealogical conference either remotely via free streaming or in person in Salt Lake City, March 5-7, 2026. URL for more convention details is at <https://www.rootstech.org>.

Most Common and Useful AI Application areas appropriate for the family history world.



Here are the eight most common and useful AI application areas appropriate for the family history world.

1. Automated Record Matching & Hints

AI compares your family tree with massive databases to suggest potential matches.

What it does:

- Finds census, birth, marriage, death, and immigration records
- Suggests relatives based on patterns and timelines
- Flags inconsistencies (e.g., impossible dates)

Where you see it:

- Ancestry hint system
- MyHeritage Smart Matches™

- FamilySearch record hints
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2. Handwriting Recognition & Document Transcription

AI reads historical handwriting and converts it into searchable text.

Benefits:

- Speeds up indexing of old records
- Makes handwritten church books and census pages searchable
- Helps decipher difficult scripts

Examples:

- FamilySearch Full-Text Search experiments
 - Ancestry AI transcription tools
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3. Language Translation of Historical Records

AI translates old documents written in foreign languages.

Useful for:

- Immigration records
- Church registers in Latin, German, Polish, etc.
- Old legal documents

Tools:

- Google Translate
 - DeepL
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4. DNA Analysis & Relationship Prediction

AI analyzes DNA matches to estimate relationships and ancestral origins.

Capabilities:

- Predicts cousin relationships
- Clusters matches into family groups
- Refines ethnicity estimates

Platforms:

- AncestryDNA
- 23andMe

- MyHeritage DNA
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5. Photo Enhancement & Colorization

AI restores and enhances old family photos.

Features:

- Colorizes black-and-white images
- Repairs damage and scratches
- Improves resolution and clarity

Popular tools:

- MyHeritage photo tools
 - Adobe Photoshop AI features
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6. Timeline & Story Generation

AI can turn raw genealogical data into readable narratives.

What it helps with:

- Writing ancestor biographies
- Creating timelines and migration maps
- Summarizing research findings

Examples:

- Ancestry LifeStory feature
 - AI writing assistants for family histories
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7. Geographic & Migration Pattern Analysis

AI analyzes historical data to map ancestral movements.

Uses:

- Visualizing migration routes
 - Understanding historical context (wars, economic shifts)
 - Identifying likely origin regions
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8. Error Detection & Data Cleanup

AI helps maintain accurate family trees.

It can:

- Detect duplicate individuals
- Flag conflicting dates/locations
- Suggest corrections

Summary

[https://www.kuzmich.com/Facebook/AI here to stay.pdf](https://www.kuzmich.com/Facebook/AI%20here%20to%20stay.pdf)

