

The background features a dark blue field with intricate, glowing circuit-like patterns in a lighter blue. On the left and right sides, there are abstract, pixelated shapes that resemble stylized letters or symbols, composed of small, bright blue dots.

# PROMPTVERSE: GENERATIVE AI FOR CREATIVE STORYTELLING

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# ABSTRACT

PromptVerse is a generative AI project that creates complete stories from given sentences or prompts. Using advanced AI models like transformers, the system understands the input and generates creative, logical, and engaging narratives.

The project uses datasets like WritingPrompts and Children's Stories Text corpus dataset to train the AI. The results are evaluated through automated tools and human feedback to ensure the stories are clear, creative, and meaningful.

PromptVerse can be a creative writing tool, a storytelling app, or even a game which demonstrates how AI can help with generating new ideas in storytelling.

# WRITING PROMPTS DATASET

The WritingPrompts dataset is a collection of creative writing prompts and user-generated responses sourced from the Reddit community WritingPrompts. It contains a wide variety of short, imaginative prompts with the corresponding stories or narratives written by Reddit users.

Each prompt is a short sentence or idea meant to inspire creative thinking.

The prompts cover a wide variety of genres, including fantasy, science fiction, mystery, and drama.

- Input: Writing prompts (e.g., “You wake up and realize you can see everyone’s thoughts.”)
- Output: User-generated stories or narratives based on the prompts.

# CHILDREN'S STORIES TEXT CORPUS DATASET

The Fairy Tales Dataset is a collection of classic stories taken from traditional sources. These stories are full of imagination, magical events, and teach important life lessons like kindness, love, and sacrifice.

Each story follows a clear structure with fictional characters and events.

The dataset covers many themes, such as helping others, love, and fantasy adventures.

Input: Ideas like story themes, characters, or magical settings (e.g., “A prince who gives away his treasures to help the poor”).

Output: Full fairy tales with well-written stories, characters, and meaningful lessons.

# OUTCOME

- Automated Story Generation
  - The project will generate complete and coherent stories based on simple input prompts, enabling users to explore creative narratives in a range of genres.
  - Contextual Relevance: the AI model produces text that's contextually relevant to a given input, maintaining consistency between characters, settings, and events throughout the story.
- The AI can assist in generating creative content for various uses such as children's books, short stories, scripts, and more.