

LLM Apps

What can they do for Data Scientists?

Uses of LLM Apps for Data Scientists

- Exploratory Data Analysis.
- Feature Extraction.
- Data Augmentation.
- Text Generation.
- Text Summarization.
- Classifying Customer Reviews.
- Custom Chatbot.
- Pre-annotation.

Data Analysis

- Data cleaning.
- Missing data imputation.
- Outlier detection.
- Validation checks.
- Data transformation.
- Data aggregation.
- Data formatting.
- Validation rules.
- Feature engineering.
- Integrating and querying data from diverse sources.

Feature extraction from unstructured text data

- Sentiment.
- Emotions.
- Topics.
- Entities.
- Uses:
 - Feature extraction automation.
 - Customer segmentation.
 - Fraud detection.
 - Risk assessment.

Data Augmentation

- Generate new data points from existing data.
- Uses:
 - Helpful for data scientists who have limited data.
 - Helpful for data scientists who need to train a machine learning model on a specific task.

Text Generation

- Generate text.
- Uses:
 - User guides.
 - Code.
 - Etc.

Summarizing Text

- Summarize long pieces of text.
- Uses:
 - Quickly understand the key points of a long document.
 - Quickly understand the key points of a large dataset.

Classifying Customer Reviews

- Classify customer reviews into different categories such as positive, negative or neutral.
- Uses:
 - Understand customer sentiments.
 - Improve products and services.

Custom chatbot

- Custom chatbot that utilizes a knowledge base.
- Uses:
 - Answer FAQs about products or services.

Pre-annotation

- Pre-annotate data by identifying potential labels for data points.
- Uses:
 - Quickly identify the most important data points.
 - Reduce the amount of manual annotation required.