

LLM Apps

Use Cases in the Enterprise

Industries included

- Customer Service.
- Education.
- Health.
- Finance.
- Legal.
- Energy.
- Biotechnology.
- Automotive.
- Sales.
- Marketing.
- Media and Entertainment.
- Research.
- Public Administration.

Customer Service

- Solved problems:
 - Answer questions about products and services.
 - Solve customer problems.
- Real Case: LaMDA, Google's chatbot, answers questions about Google's products and services. It can also help customers with issues like creating or setting up an account.

Education

- Solved problems:
 - Create personalized learning experiences for students.
- Real Case: The company Knewton uses LLM Applications to generate custom problems and tests for their students. Knewton also uses LLM Applications to grade student work and provide feedback.

Healthcare

- Solved problems:
 - Analyze medical histories.
 - Assist in diagnosing health problems.
- Real Case: The company Babylon uses LLM Applications to analyze patient symptoms and provide preliminary diagnoses. The company also uses LLM Applications to generate personalized treatment plans.

Finance

- Solved problems:
 - Analyze financial data.
 - Make investment predictions.
- Real Case: The company Kensho uses LLM Applications to analyze financial news and data to identify investment opportunities. Kensho also uses LLM Applications to generate investment reports and recommendations for investors.

Legal

- Solved problems:
 - Analyze legal documents.
 - Assist lawyers in their research work.
- Real Case: Lex Machina uses LLM Applications to analyze court rulings and identify legal precedents. Lex Machina also uses LLM Applications to generate legal reports and contracts.

Energy

- Solved problems:
 - Optimize energy consumption.
 - Predictive maintenance in energy production companies.
 - Streamline operations in the energy sector.
- Potential Example: smart meter.
 - Analysis of energy consumption data.

Biotechnology

- Solved problems:
 - Protein design.
 - Research for new drugs.
 - Bioinformatics research.
 - Accelerating biotech advances.
- Potential Example: DNA sequence analysis.
 - Analysis and interpretation of results.
 - Analysis of genetic data and study methods.

Automotive

- Solved problems:
 - Improve systems of autonomous vehicles.
 - Improve voice assistants.
 - Streamline the manufacturing process.
- Potential Example: programming periodic vehicle maintenance.
 - Management of the maintenance calendar.
 - Analysis of maintenance history.
 - Initial diagnosis of problems.

Sales

- Solved problems:
 - Qualify leads.
 - Generate sales proposals.
 - Close business deals.
- Real Case: The company SalesLoft uses LLM Applications to qualify leads and generate personalized sales proposals. SalesLoft also uses LLM Applications to track customer engagement and measure the effectiveness of sales campaigns.

Marketing

- Solved problems:
 - Creation of personalized content like emails and social media posts.
- Real Case: The company Phrasee uses LLM Applications to personalize subject lines and the body of marketing emails. Phrasee also uses LLM Applications.

Media and Entertainment

- Solved problems:
 - Generation of creative content for scripts, poems, and code.
- Real Case: OpenAI has created a range of LLM models that create text, translate languages, create different types of creative content, and answer questions.

Research

- Solved problems:
 - Analysis of large databases.
 - Identification of patterns and trends.
- Real Case: Google AI has created an LLM model that can be used to identify entities and relationships in text. Google AI also uses LLMs to generate hypotheses and test new ideas.

Public Administration

- Solved problems:
 - Analyze public documents.
 - Analyze citizen sentiment.
 - Improve citizen engagement.
- Real Case: The company Palantir uses LLM Applications to analyze Public Administration data and identify potential risks and threats. Palantir also uses LLM Applications to track the mood of citizens and measure the effectiveness of public programs.