13

Use Cases of
Large Language Models
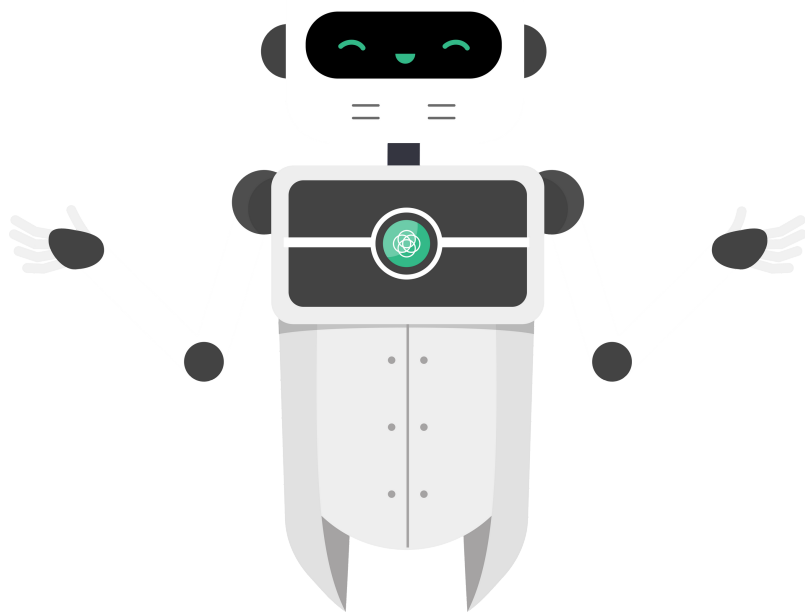
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Customer Service

LLMs are being used to create chatbots that can answer customer questions about products and services, troubleshoot problems, and resolve issues.

For example: Google's chatbot, LaMDA, can answer questions about Google products and services, and it can also help users with tasks such as setting up their accounts and managing their settings.

Swipe >>>
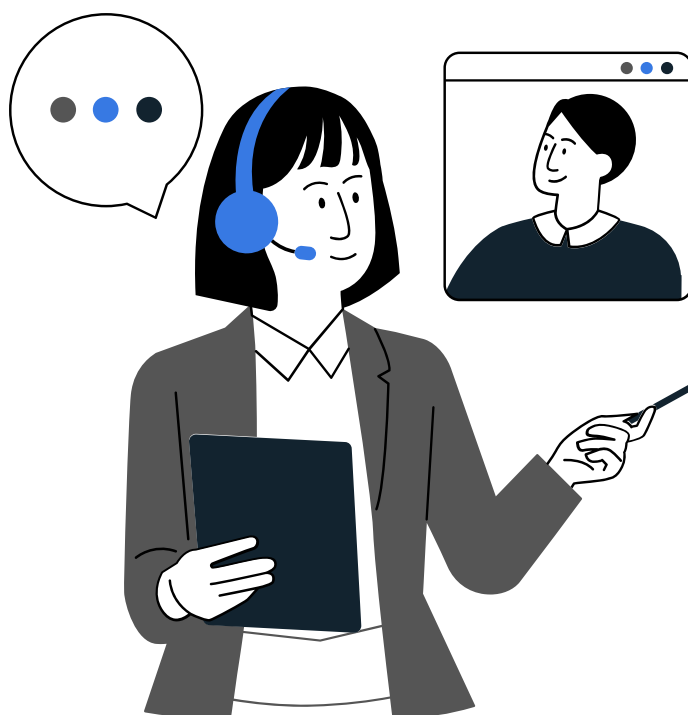
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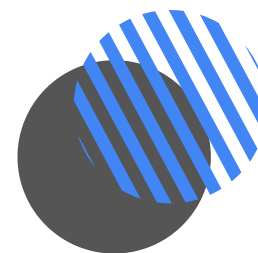
Education

LLMs are being used to create personalized learning experiences for students.

For example: The company Knewton uses LLMs to generate personalized practice problems and quizzes for students. The company also uses LLMs to grade student work and provide feedback.
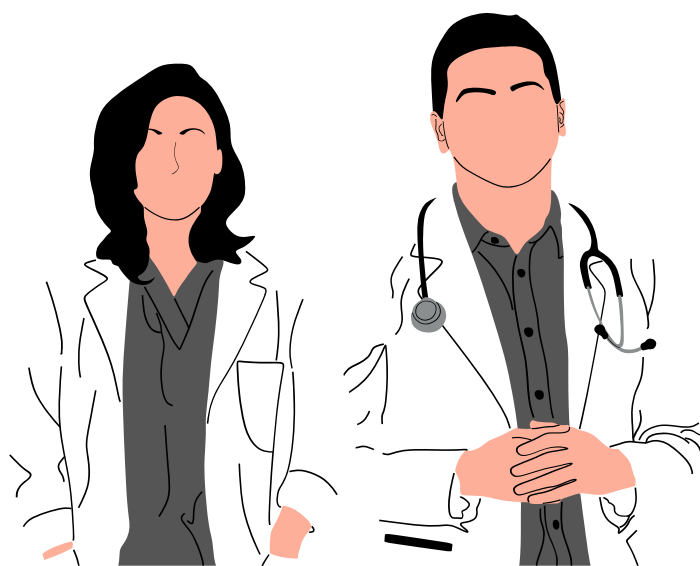
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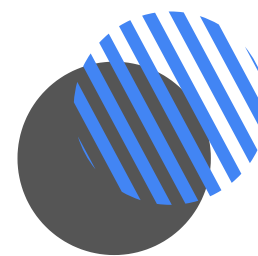— data science for everyone —

Healthcare

LLMs are being used to analyze medical records and to help diagnose diseases.

For example: The company Babylon uses LLMs to analyze patient symptoms and to provide preliminary diagnoses. The company also uses LLMs to generate personalized treatment plans.
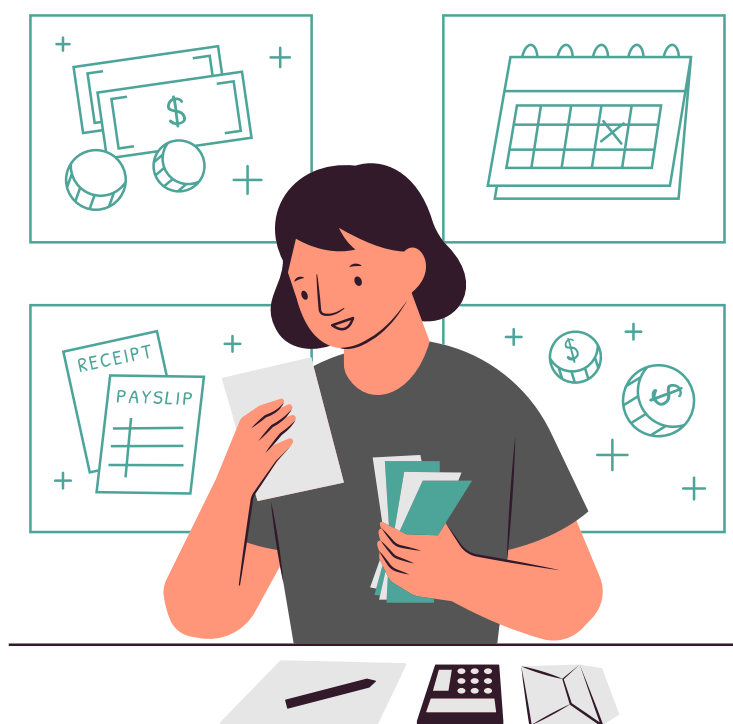
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Finance

LLMs are used to analyze financial data and to make investment predictions.

For example: The company Kensho uses LLMs to analyze financial news and data to identify investment opportunities. The company also uses LLMs to generate investment reports and recommendations.

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Law

LLMs are being used to analyze legal documents and to help lawyers with research.

For example: The company Lex Machina uses LLMs to analyze court decisions and to identify legal precedents. The company also uses LLMs to generate legal briefs and contracts.

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Energy

They optimize energy consumption, predictive maintenance in power plants, and streamline operations in the energy sector.

For example: For energy, a use case might involve smart meter data collection. It would outline how meters collect and transmit data, how utilities analyze it, and how consumers access their usage information. Handling data accuracy or communication failures would be part of it.
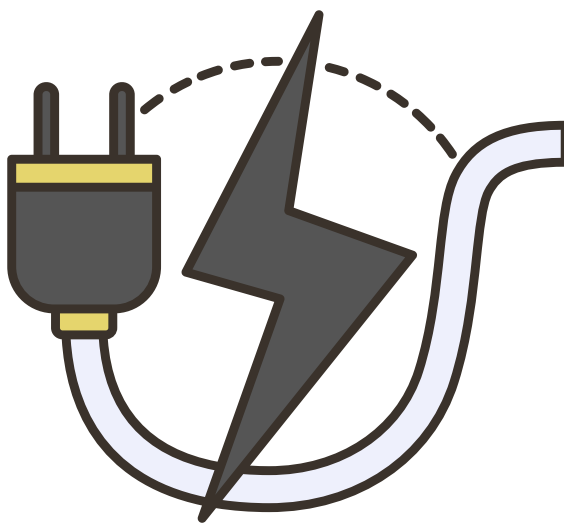
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Biotechnology

LLMs assist in protein design, drug discovery, and bioinformatics research, accelerating advancements in biotech.

For example: A biotech use case could cover DNA sequence analysis. It would explain how researchers input data, run analyses, and interpret results. It would also account for various types of genetic data and analysis methods
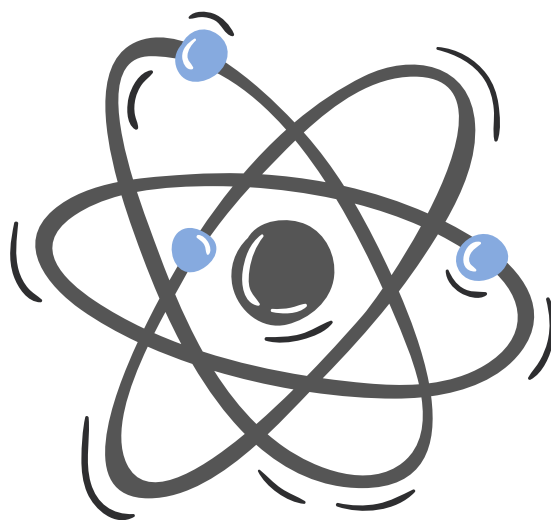
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Automotive

They improve autonomous vehicle systems, enhance voice assistants in cars, and streamline manufacturing processes.

For example: An automotive use case might focus on vehicle maintenance scheduling. It would detail how a user schedules service, receives reminders, and tracks maintenance history. It would also handle scenarios like unexpected breakdowns.
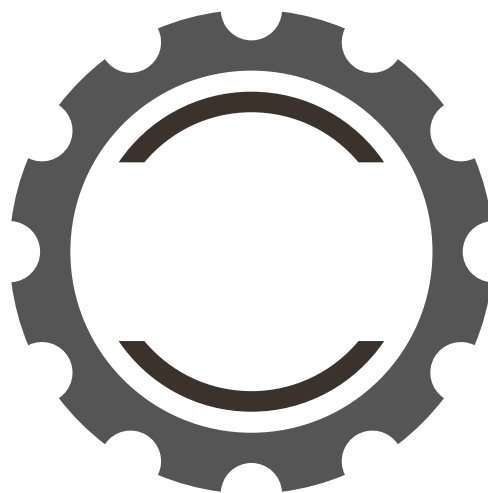
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Sales

LLMs are being used to qualify leads, generate sales proposals, and close deals.

For example: The company SalesLoft uses LLMs to qualify leads and to generate personalized sales proposals. The company also uses LLMs to track customer engagement and to measure the effectiveness of sales campaigns.

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Marketing

LLMs are being used to generate personalized marketing content, such as emails and social media posts.

For example: The company Phrasee uses LLMs to generate personalized email subject lines and body copy. The company also uses LLMs to track customer engagement and to measure the effectiveness of marketing campaigns.
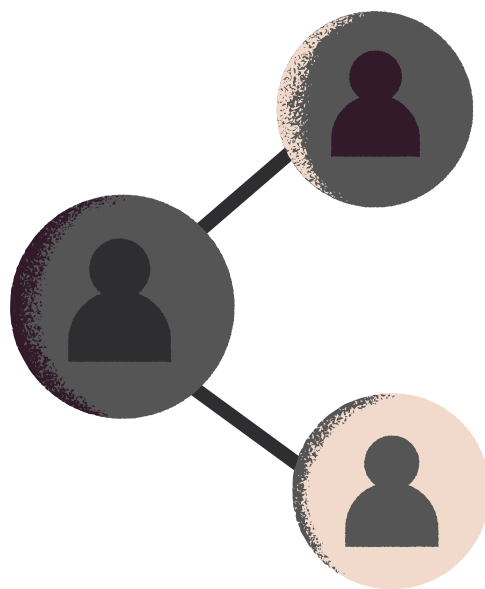
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Media & Entertainment

LLMs are being used to generate creative content, such as scripts, poems, and code.

For example: The company OpenAI has created an LLM called GPT-3 that can generate text, translate languages, write different kinds of creative content, and answer your questions in an informative way.

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Research

LLMs are being used to analyze large datasets and to identify patterns and trends.

For example: The company Google AI has created an LLM called BERT that can be used to identify entities and relationships in text. The company also uses LLMs to generate hypotheses and to test new ideas.

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Government

LLMs are being used to analyze policy documents, to track public sentiment, and to improve citizen engagement.

For example: The company Palantir uses LLMs to analyze government data and to identify potential risks and threats. The company also uses LLMs to track public sentiment and to measure the effectiveness of government programs.
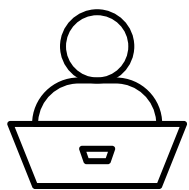
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