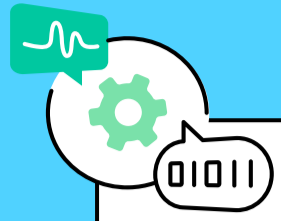
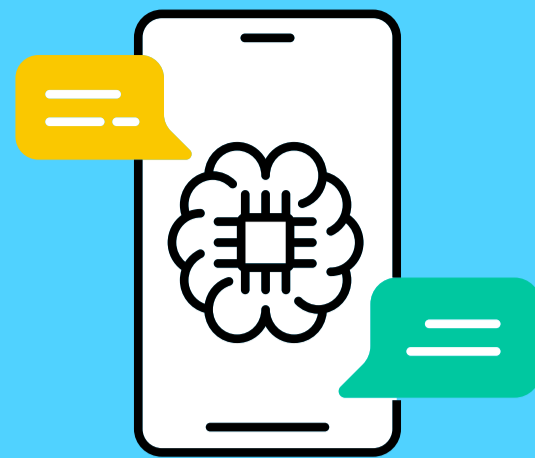


16 must-try ChatGPT prompts for data science



Explain data science concepts

Explaining why data science is critical to a business leader

Prompt: I want you to act as a data scientist. Explain the importance of data science to a business leader.

Explaining what Python is

Prompt: I want you to act as a data science instructor. Explain what Python is.

Explaining data concepts to a business stakeholder

Prompt: Act as a data science instructor. Explain [concept or result] to a business stakeholder in detail. Please assume they have a very basic understanding of data science and use conversational language to demonstrate facts and insights.



Write and interpret Python code

To find the best classification model

Prompt: I want you to act as an automatic machine learning (AutoML) bot using TPOT for me. I am working on a model that predicts [topic]. Please write Python code to find the best classification model with the highest AUC score on the test set. [Source: TryArvin.com](#)

To train a classification model

Prompt: I want you to act as a data scientist and code for me. I have a dataset of [describe dataset]. Please build a machine learning model that predicts [target variable]. [Source: Artificial Intelligence in Plain English](#)

To explain Python code

Prompt: I want you to act as a code explainer in Python. I don't understand this function. Can you explain what it does, and provide an example? [insert function]. [Source: Datacamp.com](#)

To simplify Python code

Prompt: I want you to act as a programmer in Python. Please simplify this code while ensuring it is [easy to read/efficient/Pythonic]. [Insert code] [Source: Datacamp.com](#)



Analyse and interpret data

To generate a data visualisation

Prompt: I want you to act as a data scientist and generate a visualisation that shows the distribution of [feature] in [dataset]. [Source: Learnprompt.org](#)

To explore a dataset

Prompt: I'd like you to play the role of a data scientist and code for me. I have [explain dataset] dataset. Please create programming to visualise and explore data. [Source: Analytics Insight](#)

To clean a dataset

Prompt: I want you to act as a data explorer and clean [dataset] by removing missing values, duplicates and outliers. [Source: Learnprompt.org](#)



Troubleshoot problems and debug code

To understand the issue with existing code

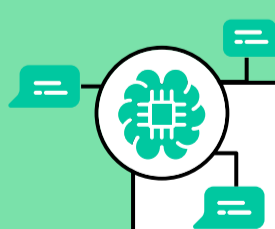
Prompt: Help me to solve the issue and write updated code. Also explain what the issue was and what you did to fix it. Issue: [explain issue]. Code: [paste code]. [Source: Developerupdates.com](#)

To debug SQL code

Prompt: I want you to act as an SQL programmer. Here is a piece of SQL code containing [problem] - [insert code snippet] - I am getting the following error [insert error]. What is the reason for the bug? [Source: Datacamp.com](#)

To correct ChatGPT code

Prompt: Your above code is wrong. [Point out what is wrong]. Can you try again? [Source: GitHub, TravisTanghVh](#)



Suggest data collection and analysis ideas

To suggest dataset

Prompt: I want you to act as a data science career coach. I want to build a predictive model for [insert topic]. At the same time, I would like to showcase my knowledge in [insert topic]. Can you please show me the five most relevant datasets for my use case? [Source: GitHub, TravisTanghVh](#)

To generate a Google Sheets formula

Prompt: I want you to act as a bot that generates Google Sheets formula. Please generate a formula that [describes requirements]. [Source: Learnprompt.org](#)

To suggest A/B testing steps

Prompt: I want you to act as a statistician. [Describe context]. Please design an A/B test for this purpose. Please include the concrete steps on which statistical steps I should run. [Source: GitHub, TravisTanghVh](#)