

Reginald Jones

February 2nd, 2026

Python Assignment 2: Computer Science 311

Gemini, response to “Explain how to approach a Python Machine Learning assignment,

” Google, February 2nd, 2026, <https://gemini.google.com>.”

Gemini, Google, January 2025 version, February 2, 2026

Prompt:

Explain how to approach a Python Machine Learning assignment

Output:

The AI explained how to structure the program using classes, roles, and menus and suggested validating user input and separating functionality into functions.

Reflection:

The AI helped me understand how to transform a 'Date' column into features the model could actually use (Year/Month/Day). I manually adjusted the hyperparameters of the Random Forest to improve the R2 score and wrote the report discussion based on the model's actual performance on my chosen dataset.