

Course Project

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Can we predict HW grades from ChatGPT interactions?

- Let's make a unique and challenging project
- We don't know if this is possible and we look at your approach to address this problem
- You all learn by grading other project teams and see their approaches.



In Pandas, you can display variable (column) names in a DataFrame by accessing the column names or labels. You can do this in several ways:

1. Display Column Names:

guage-python

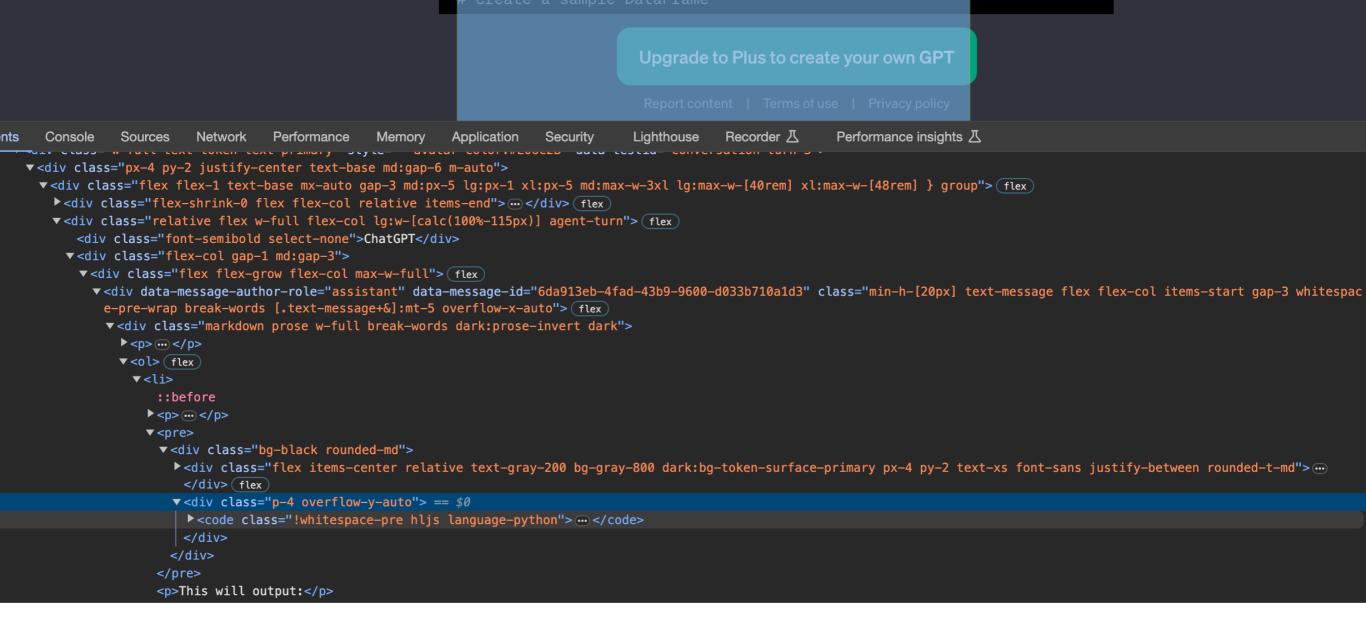
code.!whitespace-pre.hljs.lan

mport pandas as pd

To display the column names, you can access the `columns` attribute of the DataFrame. Here's how you can do it:

462.12 × 188.8

Copy code



Format of the project

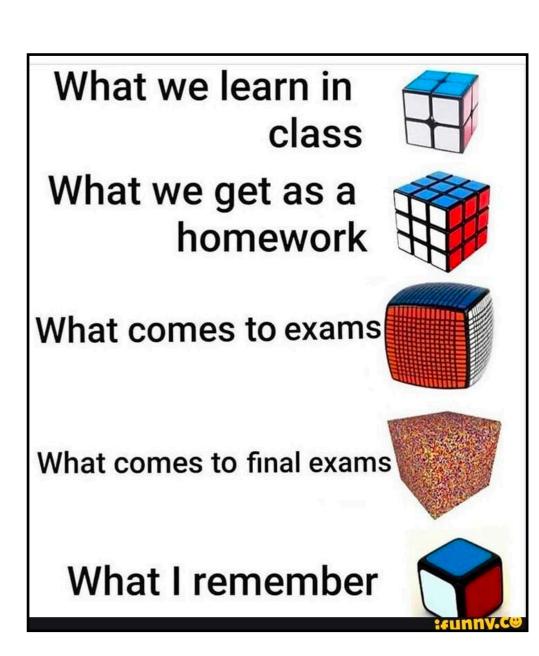
- You will receive the following materials
 - Collection of HTML files that contain ChatGPT histories (150-200 files)
 - CSV file that has a corresponding score of the student
- Output expected
 - Github repositories for all the material (code, scripts, etc.)
 - README file that explains your approach clearly and your findings and contribution of team members.

Structure of the README file

- Overview of the repository: Link different script and code pieces used and explain their function for the project
- Methodology: High-level explanation of things considered and solutions offered.
- Results: Experimental findings supported by figures, tables etc.
- <u>Team contributions</u>: List all team members by their names and how they contributed to the project

Challenges

- Extracting information from ChatGPT (feature engineering)
- Not all questions in the assignment solved using ChatGPT (missing data + imputation)
- Mapping prompt&answer to questions
- Dataset sizes
- Predicting scores (model building and evaluation)
- Clearly communicating your findings and methodologies used for the task



EVERY GROUP PROJECT

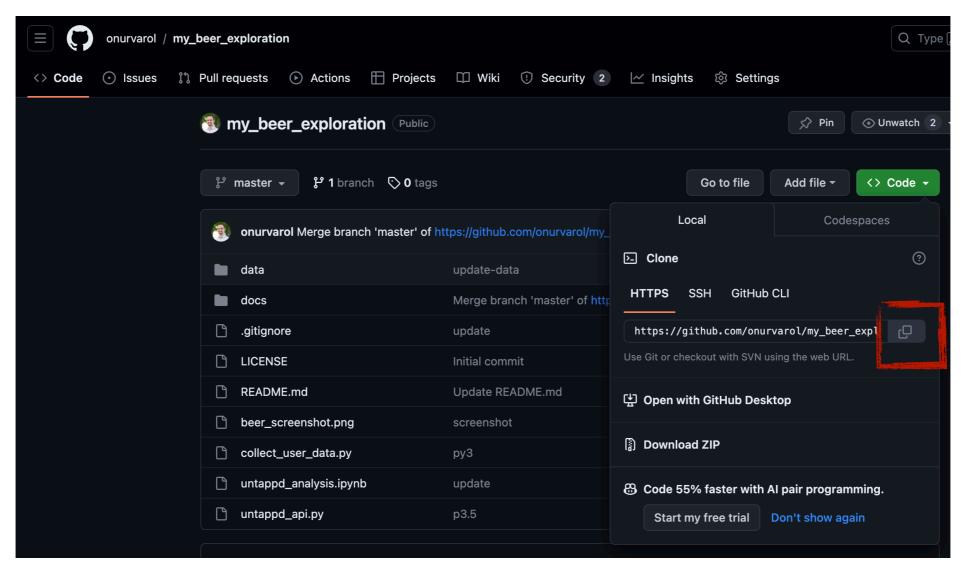


Evaluation

- Code and material review (30%)
- Quality of the project ideas and results (40%)
- Peer-evaluation
 - Grading other projects (10%)
 - Grades received from peers (20%)

What is the submission format

We will only ask for a public Github repository URL.
Each team will submit "only one" repo.



We will automate cloning Github repositories with a script.
Mistakes in the URL format will cause you points!

Deadlines

- Since there are several hard deadline for grade submission, there will not be any late submission.
 PLEASE PLAN ACCORDINGLY!
- Deadline for submitting the project material: 19 Jan.
- Deadline for peer-evaluations: 22 Jan.
- Deadline for Onur to submit grades: 25 Jan. at 3PM