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Project Proposal

For my Semester project I am choosing to do the SQL option and I will be doing it solo. I don't know exactly which one, but I know I want to use a basketball dataset and do some sort of application that manipulates basketball stats. It's going to take in a CSV, store the columns in memory (probably with lists/dictionaries), and then be able to do the required SQL like operations (Parsing, Filtering, projection, group by, and aggregation) on the data. Finally, I will put it all together with a Streamlit interface.

Timeline (Dates are projected completion date):

Data loading - 9/28
Parsing - 10/5

Projection - 10/12
Filtering - 10/12

Midterm progress report (10/17)

Group By - 10/19
Aggregation - 10/19

Join - 10/26
Application - 11/16

Project Implementation Due (11/23)