Basketball Dataset

Player.csv
Season_Stats.csv
Player_Data.csv

Google CoLab
Python
Dependencies

Numpy
Pandas
SciKit Learn
MathPlotLib
Tensorflow

Prepare and Clean Data File

Python
Clean Data

Validation Method
Supervised

Yes

Test and
Update
Model

Sample Data

Choose and Algorithm

Questions?

• When is a NBA player's peak?
• At what point does a player's decline begin?
• What stats are indicators of peak performance?
• Are teams getting adequate value from the players they pay top dollar for?

User Interaction

Dropdown
Mouse Hoover & Select

Fit a Model

User

Laptop computer

User Selection
• Player ID
• Player Name
• Stats
  ◦ Status (Active/Retired)
  ◦ Age
  ◦ Physical
  ◦ Era
  ◦ Location
  ◦ Injuries
  ◦ Average Career Life
  ◦ Salary
    ▪ Paid
    ▪ Present Value
  ◦ Ranking

PgAdmin4

HTML

CSS

JS

Data Feed to Dashboard

[Title - TBD]
Group 4 Final Project
21 March 2022