

Deliverable 2

1. Data preparation/cleaning:
 - a. Since the dataset we chose for this project was relatively clean and ready to go, we decided to merge some new data into our dataset. This new data included information about players' physical attributes such as weight and height. In order to do this, we needed to clean the new data to ensure the merging would be successful. We made sure there was no white space in data points, no symbols were present, and datatypes matched our original dataset. It was made sure that the dataset had no empty cells. All the duplicate rows were deleted. If there were whitespace or symbols, they were removed by utilizing DataPrep tools.
2. Data transformation techniques:
 - a. We considered using DataPrep tools for transformations such as joining dataset, deleting duplicate rows, and handling null values, as well as different techniques within a Python notebook.
3. Models considered, what we ultimately went with:
 - a. Before we began modeling the data, we considered creating a predictive model for future player predictions and MVP predictions.
 - b. We used descriptive models in our project. We ran a number of queries through our Vertex AI's jupyter notebook, using python to answer questions posed for our project. Two techniques we used were random forest models and queries through bigquery.
 - c. (question for professor - we used random forest model, what should we put here?)
4. Relevant screenshots and files included within Google Folder.