FIFA 2021 :

Fifa is one of the most played console games in the world. Fifa 21 is a series of this. Fifa 21 is a soccer game.FIFA 21 is a football simulation video game published by Electronic Arts as part of the FIFA series. It is the 28th installment in the FIFA series, and was released on 9 October 2020 for Microsoft Windows, Nintendo Switch, PlayStation 4 and Xbox One. Enhanced versions for the PlayStation 5 and Xbox Series X and Series S were released on 3 December 2020, in addition to a version for Stadia.

I performed Exploratory Data Analysis using the Fifa 21 data set.

Later, I made visualizations using matplotlib & seaborn libraries.Then built a Linear model to predict the overall performance of the player.

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Goal -

Highlight the top players for their outstanding performances over a discrete season.

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Workflow -

https://trello.com/b/tshnNl7o

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Presentation -

https://github.com/swap1688/data\_mid\_bootcamp\_project\_FIFA\_MoneyBall/blob/master/Fifaball.pptx

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Jupyter Notebook -

https://github.com/swap1688/data\_mid\_bootcamp\_project\_FIFA\_MoneyBall/blob/master/fifa21\_final.ipynb

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ARTICLES -

1. https://fifauteam.com/fifa-21-attributes-guide/

2. https://stats.stackexchange.com/questions/209241/what-transformation-should-i-use-for-a-bimodal-distribution

3. https://stats.stackexchange.com/questions/124059/how-to-transform-continuous-data-with-extreme-bimodal-distribution

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Tech stack!

\* NUMPY

\* MATPLOTLIB

\* PANDAS

\* SEABORN

\* SKLEARN