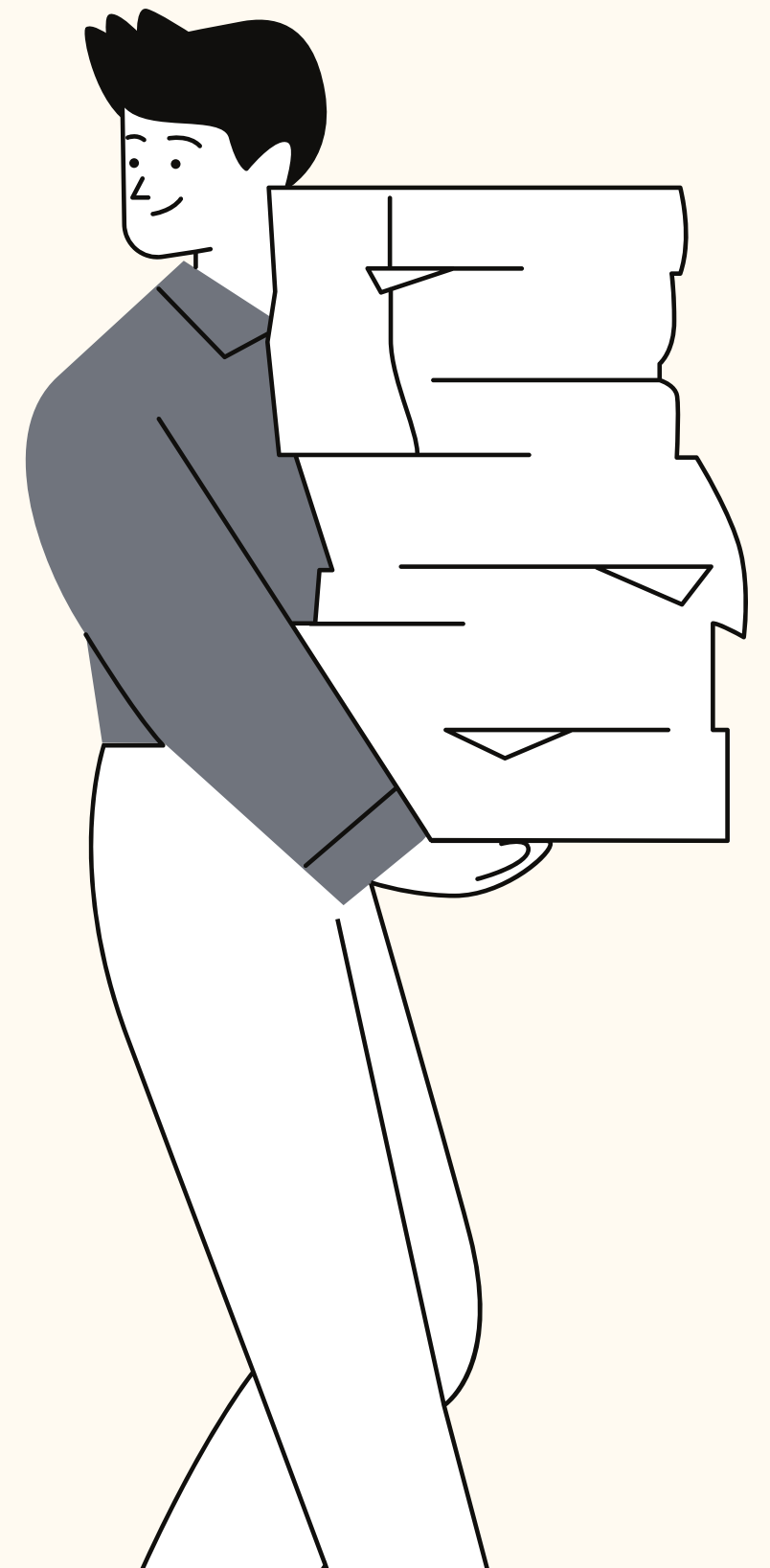


PROJECT PROPOSAL

updated

TUWAIQ T0513

NBA-Draft
prediction





1 Introduction&targets

2 Dataset

3 Algorithms

4 Tools

Introduction

well building an ML model is not an easy task especially if your schedule is full and trust me when you are a basketball player your schedule is full, imagine adding collage tasks and assignments to that so searching on kagle for a dataset for the project I found one that inspired me to build a model to predict the NBA draft using college stats it's a data set that takes college player stats from 2009 to 2021 lastly updated 25 days ago having more than 20+ thousand data points(rows)



Targets

who benefits from the model?

Targets

non-technical

- SPORTS LOVERS
- COACHES
- ARTICLE WRITERS
- COLLAGE BASKETBALL
PLAYER

Technical

- sports tech based
companies

Dataset

HOW TO OBTAIN THE DATA AND IT'S FEATURES

1

KAGGLE.COM

source

Features

**more than 65 features
(column)**

- player_name 25719 unique values
- Games played
- teams 362 unique values

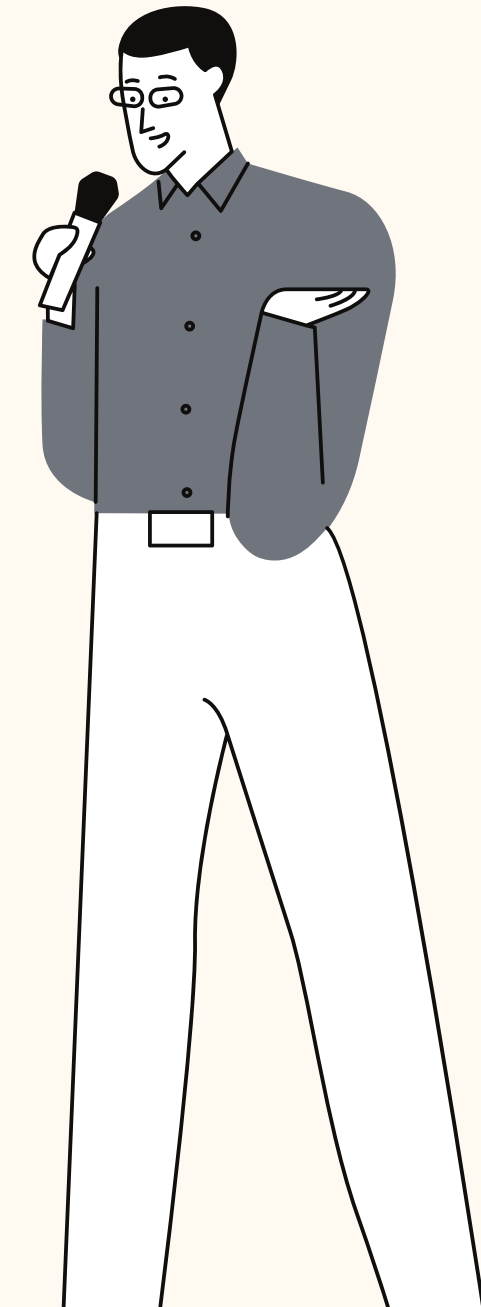
source

<https://www.kaggle.com/adityak2003/college-basketball-players-20092021/code>

changeable

Algorithms

classification :using Logistic Regression
as 0: the player will not get into
as 1: he will get into the draft



Tools

1

Data processing

- PANDAS, NUMPY

2

Modeling

- skit-learn,pytorch

3

Visualizations

- matplotlib,seaborn