

## WiDS '22 - '23 Final Documentation



# <Project UID 2 - Data Analytics Using Python> <Aditya Prakash>



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### Introduction to Problem Statement

Implementation of statistics and analytics concepts using python. Started from learning basic libraries Numpy, pandas matplotlib, etc, in order to draw out meaningful, actionable insights.

### Existing Resources

<https://youtu.be/WcDaZ67TVRo>  
<https://youtu.be/QUT1VHiLmml>  
<https://www.youtube.com/playlist?list=PL-osiE80TeTsWmV9i9c58mdDCSskIFdDS>  
<https://www.youtube.com/watch?v=0P7QnIQDBJY&t=58s>  
<https://www.youtube.com/watch?v=6GUZXDef2U0>  
<https://www.youtube.com/playlist?list=PLiC1doDle9rCYWmH9wIEYEXXaJ4KAi3jc>

### Proposed Solution

Worked on three different datasets and used the concepts of pandas, numpy, Matplotlib, Seaborn, etc libraries to draw meaningful insights

## **Methodology & Progress (Mention the work done week-wise)**

Went through all the resources provided and did all the assignments. Worked on three different datasets and used the concepts of pandas, numpy, Matplotlib, Seaborn, etc libraries to draw meaningful insights

## **Results**

<https://github.com/Mahek2501/WiDS-Project>

## **Learning Value**

I have learned a lot from this mostly because I get to practice and analyze different datasets on my own.

## **Tech-stack Used**

**Software: Jupyter Notebook**

**Languages : Python and its libraries like Numpy, Pandas, Matplotlib, Seaborn**

### **Suggestions for others**

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### **Contribution by each Team Member**

Its an Individual project

### **References and Citations**

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