

**WiDS ‘22 - ‘23 Final Documentation**

**<2 - Data Analytics Using Python>**

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**Introduction to Problem Statement**

| Analyzing how the dataset is distributed across the columns, organizing the datasets, removing the null data, fitting and plotting the data. |
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**Existing Resources**

| [Python NumPy Tutorial for Beginners](https://youtu.be/QUT1VHiLmmI)  <https://youtu.be/WcDaZ67TVRo>  [Python Plotting Tutorial w/ Matplotlib & Pandas (Line Graph, Histogram, Pie Chart, Box & Whiskers)](https://www.youtube.com/watch?v=0P7QnIQDBJY&t=58s)  [Seaborn Tutorial : Seaborn Full Course](https://www.youtube.com/watch?v=6GUZXDef2U0)  <https://numpy.org/doc/stable/user/absolute_beginners.html>  <https://pandas.pydata.org/docs/getting_started/intro_tutorials/index.html>  <https://matplotlib.org/stable/tutorials/introductory/quick_start.html>  <https://seaborn.pydata.org/tutorial.html> |
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**Proposed Solution**

| Explored the data and analysed netflix datasets |
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**Methodology & Progress (Mention the work done week-wise)**

| Gained knowledge about many Python libraries, including pandas, NumPy, seaborn, and matplotlib, and learnt how to apply them for data analysis.  Completed the NumPy and Pandas practice exercises assigned.  Applied what was learned and examined datasets 1, 2, and 3. |
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**Results**

| https://github.com/SejalSinha511/Data-Analysis-using-python |
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**Learning Value**

| **Got an opportunity to learn many things related to data analysis. Practice exercises and datasets strengthened the concepts and thinking ability.** |
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**Tech-stack Used**

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**Suggestions for others**

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**Contribution by each Team Member**

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**References and Citations**

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