

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

### **2 - Data analytics using Python**

**Aditya Prakash**

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**Introduction to Problem Statement**

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| Data analysis of Indian economy in past years and find the salient features in it through data visualization techniques |

**Existing Resources**

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| NA |

**Proposed Solution**

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| Read the data frame and get the info. Clean the data before analysis. Plot (Matplot lib) the graphs between different parameters and draw conclusions. |

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

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| Week-1  Anaconda installation and basic steps  Introduction to Jupyter Note books  Varibles, data types, conditional statements, lists, loops, modules  Week-2  Data frames creation and basic operations  Data plotting |

**Results**

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| 1.  C:\Users\Mr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\67E562B1.tmp  2.  C:\Users\Mr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\83B728E7.tmp  3.  C:\Users\Mr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\7A3E6A8D.tmp  4.  C:\Users\Mr\AppData\Local\Microsoft\Windows\INetCache\Content.MSO\1B706923.tmp |

**Learning Value**

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| **Creation of data frames. Performing basic cleaning steps and plotting** |

**Suggestions for others**

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| NA |

**References and Citations**

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| Data Analysis with Python for Excel Users - Full Cours <https://youtu.be/WcDaZ67TVRo> |