



APSSDC

Andhra Pradesh State Skill Development Corporation



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Data Analysis Using Python



DATA ANALYSIS

Data Generation



Introduction

Data Analysis is the process of collecting and organizing data.

DATA



SORTED



ARRANGED



PRESENTED
VISUALLY



Why Data Analysis is Required

Data analysis for B2C marketing plays a critical role in improving your business strategy.

It is important in business to understand problems facing an organisation, and to explore data in meaningful ways.



Process of Analysing the Data

- Import data sets
- Clean and prepare data for analysis
- Manipulate pandas DataFrame
- Visualize the data
- Build machine learning models using scikit-learn



Python Libraries for Analyzing Data



Types of Data in Statistics

1. Numerical data
 - a. Discrete data
Ex: 0,1 or 0,1,2,3
 - b. Continuous data
Ex: 122,134.6,150,180,232,....
2. Categorical data
Ex: Yes/No, A Grade/ B Grad/ C Grade, Male/Female, etc, ..



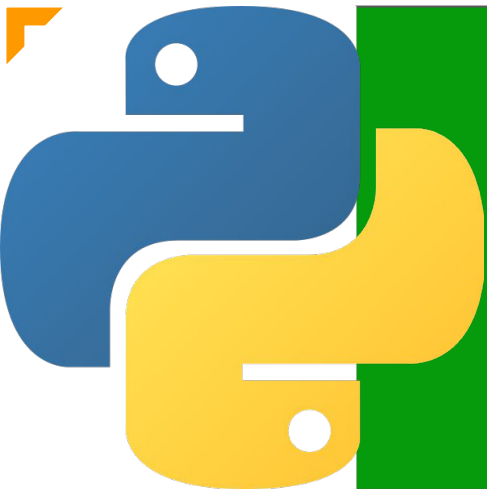


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