



# APSSDC

Andhra Pradesh State Skill Development Corporation



**Skill AP**  
APSSDC

# 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

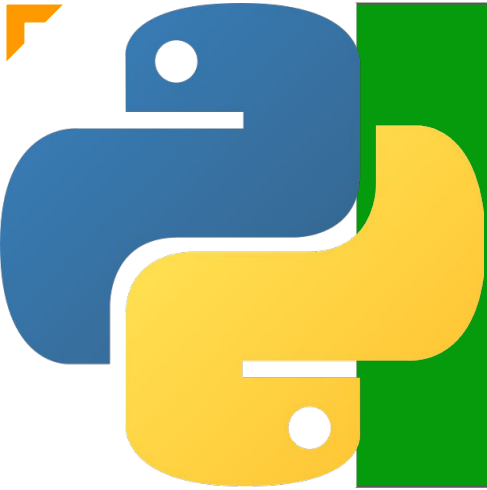
1. Numerical data
  - a. Discrete data  
Ex: 0,1 or 0,1,2,3
  - b. Continuous data  
Ex: 122,134.6,150,180,232,....
2. Categorical data  
Ex: Yes/No, A Grade/ B Grad/ C Grade,Male/Female, etc,...





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# Print("THANK YOU")

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