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EDUCATIONAL DATA ANALYSIS(1&2)

11-11-2021

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ICONS 7

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KIET HACKTHON 2021

KORANGI, KAKINADA

# Overview Of project

Data analysis is defined as a process of cleaning, transforming, and modeling data to discover useful information for business decision-making. The purpose of Data Analysis is to extract useful information from data and taking the decision based upon the data analysis.Create an Dashboard using some data (ex :hosipital, banking, education etc

# Data Analytics

Steps to be followed:

1)Bussiness Problem (or) Question

2)Data Aquisation(getting information from internet)

3Data Wrangling(includes data cleansing, Datamanipulation)

4)EDA ANALYSIS

5)Data Exploration(by using libraries seaborn, ploting)

6)Conclusion (or) Prediction

7)Communication

# Goals

1. To learn about the project building,team building,and also how efficiency the code run,and making the dashboard.
2. We have to exhibit the code with the perfection ,and we have to search and gain the knowledge and have to improve our technical skills.

**STEPS FOLLOWED DURING THE PROJECT (for educational dataset)**

1.first we have downloaded the Data Set from the Kaggle.com

2.keep it in the same path to access the data

3.open jupyter note book and import the all necessary libraries

4.we have to read the data by using pandas read\_csv

5.Check the NaN(not a number)values how many are there by using isnull()

6.And we have to rectify the null values by using function methods

7.Now data has been filled without nan values and outliers

8.by using Autoviz library we draw the all the graphs

9.Finally the data was entered and dashboard is finalized.

For student performance dataset

1.first of all we have taken the perfect data without any outliers

2.now by seaborn libraries and matplotlib we have draw the some graphs

3. Finally the data was entered and dashboard is finalized.

# Milestones

ERRORS

Failure is the stepping stone to success as errors make us to improve the success of code. It definitely improves the grip on that programming language..

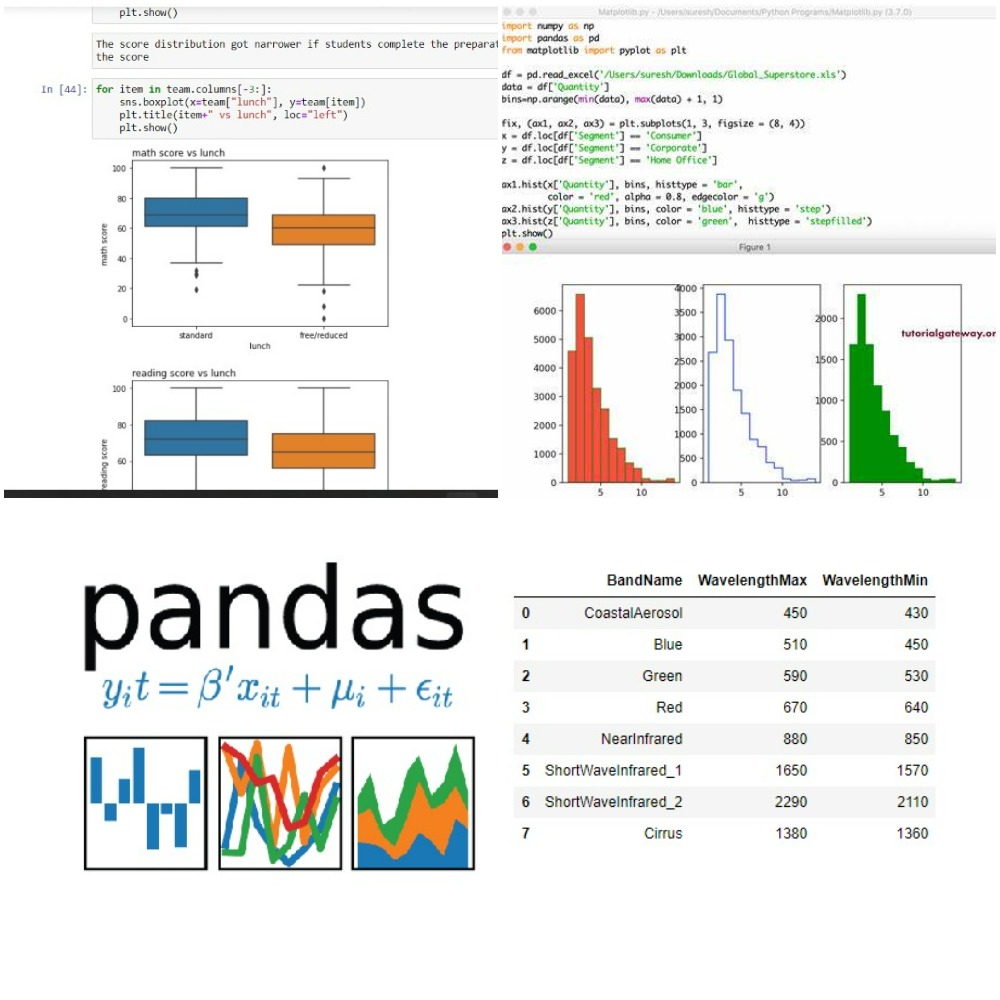
**Github**

<https://github.com/venkata4322/Educational-data-set.git>

[venkata4322/Student-Performance-data-analysis (github.com)](https://github.com/venkata4322/Student-Performance-data-analysis)

**Linkedin**

[**https://www.linkedin.com/posts/venkata-chaitanya-11192a1aa\_hackathon2021-ineuron-knowledgeispower-activity-6864354577026813952--NCQ**](https://www.linkedin.com/posts/venkata-chaitanya-11192a1aa_hackathon2021-ineuron-knowledgeispower-activity-6864354577026813952--NCQ)

**INEURON(Project Link):- https://internship.ineuron.ai/project/invite/Analytics-Dashboard/94ac5794-ce51-4692-bb40-5bfc17bc3dee**