**Health Insurance Claim Analysis Project Report**

**Aim** **:-** To Determine the Health Insurance Claim Using Python Libraries.

**Objective :-**  In this Project , I have Analyzed the Claim of Health Insurance Based on their health.

**Dataset :-** I have used Health Insurance Claim Analysis Dataset from Kaggle Website.

**Technology :-** Python, Power BI etc.

**Libraries Used : -** In this Project, I have Used following Libraries….

**1. Pandas 2. Numpy 3. Matplotlib 4. Seaborn**

* I have used Pandas for Importing File . File’s Extension is CSV so That’s why I have used read\_csv Method.
* I have Used Numpy Library for Count the Values as like Minimum and Maximum Values
* I have Used Matplotlib Library for Plotting the graphs like Pie chart, Bar Chart.
* I have Used Seaborn Library for Plotting the Histplot.
* I have Used Power BI for Visualize insurance Data in the form of Cards, Bar Charts, Tables etc.

**Conclusion : -**

* In this Project, I have Analysed the Age between 18 to 20. There are too many of those people. & The Age Between 28 to 30. Those People are the Lowest. Who are having the claim of Health Insurance.
* The Students are Highest Persons who are having Claim of Health Insurance & The CEO are the Lowest Persons who are having Claim of Health Insurance.
* The Minimum Value of Health Insurance Claim is 1121.9 and The Maximum Value of Health Insurance Claim is 63770.4.
* The 42.0% People are Zero number of Dependents and the 24.0% people are One Number of Dependents and The 18.1% People are Two Number of Dependents and The 12.1% People are Three Number of Dependents and The 2.0% People are Four Number of Dependents and The 1.6% People are Five Number of Dependents so the Conclusion is, Five Member of dependents People are Less as Compare to Zero Member of Dependents People are Greater.
* In Hereditary Diseases, The Diabetes Patients are highest who are having the claim of insurance. As compare to the High Blood Pressure Patients.