

Professional Summary

- Having 2.3 years of experience in Data Analysis using various Python Libraries , statistical methods along with SQL.
- Proficiency in performing Exploratory Data Analysis (EDA) for pre-processing and cleaning the data to understand it better.
- Passionate about working on large datasets and able to design high-value-added solutions to business stakeholders coordinating well with internal teams and clients.
- Experienced in writing and optimizing various SQL queries.

Skills

Programming	Python, SQL, Excel,Numpy,Pandas
Visualization	Power BI, Excel Charts
IDE	Jupyter Notebook
Database	MySQL

Experience (Software Engineer I, HCL Software)

(Nov 2021 – PRESENT)

Bangalore

Mobility Health Services Ltd - Data Analyst

- Established a system to classify different health care documents (prescriptions, doctor notes, equipment orders) using **python tesseract** and **Regex**, which accelerated SLA for the classification process from **50 minutes** to **2 minutes** per document.
- Prepared **40+** BI dashboards in **Power BI** for month-on-month insurance business reports.
- Evaluated and analyzed around 1000+ insurance claims using **Excel V-lookup, Normal, and T-distribution** and eliminated **outliers** using **Python** and **Pandas**
- Assisted businesses in determining optimal pricing strategies by analyzing data trends of 1-year data, identifying relevant business insights, and using time series analysis in **Excel** to forecast future trends.
- Operated closely with the engineering and business team using **scrum/agile** methodology.

Unilever – Data Analyst

- Performed root cause analysis for bad data by querying almost **2 million records** and then loading them in a **jupyter notebook**. The data was stored in Apache Hadoop.
- Closely coordinated with data engineers to understand the structure of data and wrote Python routines to collect the desired dataset. This project identified **3+** inefficiencies and a lack of validations.
- Demonstrated the findings to senior management to address the lack of validations which resulted in implementing strict enforcement
- Conducted web analytics on user navigation habits using **SQL** and **PowerBI**. This surfaced UX problems on the website and upon addressing those the web traffic was increased by **25%** which resulted in a **sales increase of 10%**

Certifications and Awards

- iNeuron. ai - Machine Learning Masters,
- Edyoda - Python Certification and Data Science Certification
- Code Basics – Data Analytics With PowerBI
- Recognized with a Marevick Award for outstanding performance during the quarter.

Education

July 2016 - Sep 2020

Anna University (R.M.D Engineering College), TamilNadu - Bachelor in Computer Science and Engineering