

HARSHITHA R

Education

B.TECH IN COMPUTER SCIENCE AND ENGG. (DATA SCIENCE) – SVCE – Bangalore, KA
Majors: Business Analytics, Statistics, Data bases and Visualizations, Machine Learning Models.

June 2022 – Present

PRE-UNIVERSITY COURSE (PCMB) – Pragathi Girls PU collage – Vijayapura Town, KA
Majors: Physics, Chemistry, Mathematics, Biology and Computer Studies

May 2020 – April 2022

Skills

Python

Libraries: pandas, matplotlib, ggplot2, re, NumPy

SQL

Software: Oracle SQL, MySQL

Excel

Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA

Power Bi

Tools: DAX, API, Power Query

No-SQL

Software: Mongo DB

Projects

DATA SCIENCE JOB MARKET EDA – Personal Project – Bangalore, KA

April 2023

- Utilized **Python** to analyze 7000 data science job listings and gain insights on what it takes to land a job in analytics
- Implemented **Regex** techniques to comb through the job descriptions and identified the key requirements
- Evaluation and analysis of insurance claims dataset using Excel V-lookup, Chi-square, Normal and T-distribution. Removed outliers using **Python** and **Pandas**
- Aggregated and visualized the data by using **pandas, matplotlib** and **wordcloud** to compile a professional report

SENTIMENT ANALYSIS ON TWEETS – Personal Project – Philadelphia, PA

December 2023

- Utilized **Jupyter notebook** to perform sentiment analysis on 14,000 tweeter reviews of six major airlines
- Performed data cleaning and text analysis to successfully identified the major complaints for each airline
- Applied regression and machine learning to produce a final model with an accuracy of 88% and lift of 34%

CUSTOMER SALES ANALYSIS – Personal Project – Philadelphia, PA

January 2024

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

Certifications and Awards

- Internet of Things 201 - Infosys Springboard 2023
- Java Programming Fundamentals - Infosys Springboard 2024
- Digital Hackathon – Global Symmetric 2023

Other Activities

- Member of business innovation committee at my university. Helped in arranging various hackathons and cultural events.
- Volunteered 20 hours for habitat of humanity in summer 2024
- Volunteered NSS activity and Social service