

Chaitra Naik

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EDUCATION

Northeastern University, Seattle, WA

Master of Science in Data Analytics GPA: 3.96

June 2023

BV Bhoomaraddi College of Engineering & Tech., Hubli, India

Bachelor of Technology in Computer Science GPA: 8.34

June 2014

TECHNICAL SKILLS

- R programming, Python, SQL, Tableau, PowerBI, UI5, R library(ggplot), Python libraries(Matplotlib, Seaborn, Bokeh), Regression, Excel, SAP, ABAP

CERTIFICATIONS AND TRAININGS

Trainings: Statistical Foundations, Tableau for Data Scientists; LinkedIn learning

EXPERIENCE

Empowered Margins Inc, Colorado: *Data Analyst Intern*

July 2022 – Sept 2022

- Designed and implemented of highly interactive dashboards for Health insurance clients through Power BI tool.
- Created Data models in the backend in the form of SQL Views fulfilling the business requirements.
- Designed Drill down reports and performed ETL operations using advanced DAX queries.
- Cleansed Health Insurance data for building Power BI visualizations depicting key metrics for Data Quality Analysis.

Northeastern University, Seattle, WA: *Graduate Teaching Assistant*

Nov 2022 - Dec 2022

- Working as a TA for Prof. Valeriy Shevchenko for the course ALY 6110: Data Management & Big Data

SAP Labs India, Bangalore, India: *Developer*

Feb 2019 - March 2021

- Automated a report for the procurement team using filters, parameters, and calculated sets that automatically qualified conversion rate by 17.8%
- Implemented Fiori application for Process Orders in Production Planning which involved details of the relationships between the phases of an operation which saw an improvement in the processing time by 20.2%
- Analyzed and developed a scalable tool called Client Copy to optimize the HANA database ensuring 10X faster operations compared to the old tool using Tableau dashboard.

Tata Consultancy Services (TCS), Bangalore, India: *Associate System Engineer*

Jan 2015 - Jan 2019

- Used stored procedures, triggers, and views to structure data by combining millions of rows of data from 21 disparate data sources
- Analyzed and built data models to generate meaningful insights from customer data, boosting sales by 25%
- Created a real time reporting tool that standardized metrics across the team which saved around 220 hours of manual reporting.
- Worked with overseas clients to understand business requirements and translate those needs into actionable reports in Tableau, saving 16 hours of manual work each week

ACADEMIC PROJECTS

- **Course Recommendation Engine for Coursera using Machine Learning**
 - Built a recommendation model using the scraped dataset from Coursera by using Cosine similarity & TF-IDF to provide accurate course recommendations for the input provided by the user. Built a front-end app to deploy the same using Streamlit for an added user experience.
- **Flight price detection using Python**

Used Linear Regression and ensemble models to determine the factors that affect the price of the flight with 90% accuracy rate.
- **Exploratory Data Analysis for the show Shark Tank India using TABLEAU**

Interactive dashboard on the analysis of the show which helped answer the questions like, The Shark who turned to be the best negotiator across all the deals, industry-wise investment by the sharks, etc.
- **Cardiovascular Disease Prediction using Python**

This project includes using Logistic Regression and different classifier models to predict the cardiovascular disease with 91% accuracy rate.