

# Chaitra Naik

+1-(206)-876-0712 | [naik.ch@northeastern.edu](mailto:naik.ch@northeastern.edu) | <https://www.linkedin.com/in/chaitra-naik/> | <https://chaitraanaik.github.io/>

## EDUCATION

**Northeastern University, Seattle, WA**

**MPS Analytics**

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, ABAP

## CERTIFICATIONS AND TRAININGS

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

## EXPERIENCE

**SAP Labs India, Bangalore, India**

Feb 2019 - March 2021

*Developer*

- 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 thereby reducing the downtime caused.
- Designed Tableau dashboard to track and monitor customer incidents that saw an improvement in the response time by 14.4%
- Handled optimization of ABAP programs using SQL trace, performance analysis and runtime analysis.

**Tata Consultancy Services (TCS), Bangalore, India**

Jan 2015 - Jan 2019

*Associate System Engineer*

- 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.
- **Exploratory Data Analysis on IMDB Dataset using TABLEAU**
  - Performed exploratory data analysis on IMDB dataset of around 5000 movies & series to draw conclusions about the factors that influence Rating of the Content using Tableau
  - Conclusion – Among 6 factors, Content Type, No of Votes, Profanity, Nudity, Violence are the differentiable factors which decide the Rating of the Content. On an average, Series have a higher rating compared to Movies.
- **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.