

Chaitra Bengaluru Vishweshwaraiah

San Jose, CA | +1(408) 529-6563 | chaitra.bengaluruvisweshwaraiah@sjsu.edu |
www.linkedin.com/in/ChaitraBVishweshwaraiah | <https://github.com/Chaitra-B-V>

EDUCATION:

San José State University Master's in Software Engineering **August 2022 – May 2024**

Relevant Coursework - Data Mining, Web Mining, Enterprise Software Platforms

VTU Bachelor of Engineering in Information Technology **June 2011 – June 2015**

Relevant Coursework - Data Structure, Operating Systems, OOP, Computer Networks,
Computer Architecture, Cloud Computing

RELEVANT EXPERIENCE:

BLP Industry.AI (Senior Data Analyst) **Apr 2019 – July 2022**

- Collaborated with domain expert teams to develop use cases specific to renewable energy data and deployed ML solutions that allow clients to make informed decisions, using python, influx DB, and Grafana
- Developed wind turbine temperature anomaly detection models and ranked turbines based on their performance and availability.
- Design and implementation of Web Scraping

August 2015 – March 2018

PRICEWATERHOUSE COOPERS LLP (Data Analyst)

- Investigated Fraudulent transactions using detection scenarios for an Anti-Money laundering project (AML) to prevent reputational risks of a finance-based client
- Used correlation matrix and principal component analysis to analyze and visualize correlations between suspicious transactions and penalties
- Discuss and plan with clients about data quality challenges and performed the statistical analysis(EDA), data preparation, and data manipulation

SKILLS

Programming Languages: Python, Unix Shell Scripting, SQL, HTML5, CSS, Flask, Power Query

DS Concepts: Classification, Regression, Clustering, Dimensionality Reduction, NLP, Ensemble

ML Libraries: Numpy, Pandas, Matplotlib, Pyspark, Pycaret, Spacy, Scikit-learn, Keras, Tensorflow, Pytorch, Beautiful Soup

Visualization: PowerBI, Tableau, Microsoft Excel, Streamlit

Others: Ansible, Jenkins, data bricks, amazon EC2, selenium,git

PROJECTS

An Overlooked Societal Health Crisis - Gun Violence

A detailed analysis of gun violence incidents in all states in the US from 2013 to March 2018 and a Time Series Forecast of the Number of people killed per day due to Gun Violence.

Insurance Premium Prediction

By accepting parameters such as Age Sex Body Mass Index of the person, Number of dependents, Smoker, and Region in the US predicting the price of the health insurance premium paid annually by the customer

Smart Hire – Job Portal

Shortlisting the right profiles from a wide pool of applicants, Scheduling interviews according to the interviewer's and the candidate's convenience, to figure out how appropriate the candidate is for the applied role with scores matching the skillset.