

FUNCTIONAL AREAS

- Data Visualization
- Data Extraction
- Machine Learning
- Data Analysis
- Data Science
- NLP

TECHNICAL SKILLS

- SQL
- Python
- Power BI

WORK EXPERIENCE

Infosys, Bangalore

• Systems Engineer

08/2021 – 05/2023

- Achieved 95% code coverage by testing Java code using JUnit framework, ensuring functionality and minimizing defects
- Collaborated with the development team to create 20+ comprehensive test cases and test plans for Java applications.
- Utilized FAST, a client-side framework, to automate and streamline testing processes for 30+ Java classes.

PROJECTS

• Customer Conversion Prediction- [Python | Pandas | NumPy | Matplotlib | Seaborn | Scikit]

- Engineered a high-accuracy predictive model achieving a 0.9 AUROC score, effectively identifying potential insurance policy subscribers.
- Employed various classification models (logistic regression, decision trees, XGBoost) to assess performance, selecting the most optimal model for precise client subscription predictions.
- Conducted thorough exploratory data analysis (EDA) using seaborn and matplotlib, unveiling crucial insights for feature selection and determining feature importance in client subscription prediction.

• Resume Analyser and Job Finder - [Python | Open AI | LangChain | Selenium | Pandas]

- Developed a resume analysis application enabling automatic extraction of crucial information from PDF resumes, including personal details, skills, projects, and experience, and generating comprehensive analysis reports.
- Utilized natural language models and AI, including OpenAI's GPT-3.5, to process and evaluate resumes, providing strengths, weaknesses, and actionable tips for resume enhancement, enhancing candidates' job prospects.
- Integrated web scraping techniques and Selenium to search for and present job opportunities on LinkedIn that match a candidate's profile, enhancing job search capabilities through automatic job role suggestions and direct links to 100+ relevant openings.

• Flight Price Prediction - [Python | Pandas | NumPy | Matplotlib | Seaborn | Scikit | StreamLit]

- Implemented regression algorithms and EDA techniques in Python, along with Streamlit, to deliver a comprehensive solution for flight price prediction, achieving an outstanding R2 score of 0.93.
- Leveraged data visualization techniques to gain insights from a dataset of 30000+ flight data. Additionally, created a user-friendly web application using Streamlit to provide an intuitive interface for users to input flight details and obtain accurate price predictions with a R2 score of 0.93, enhancing accessibility and usability.

• Youtube Data Harvesting - [Python | Pandas | Matplotlib | SQLite | Plotly]

- Extracted key information from YouTube's server using Google API for 11 IPL team channels, capturing channel names, playlists, and video statistics from 19000+ videos.
- Implemented robust data cleaning techniques to ensure accuracy, subsequently populating the refined dataset into a well-structured SQLite database for streamlined querying.
- Unveiled insights through comprehensive analyses, identifying optimal content release periods and quantifiable metrics for ranking IPL teams' YouTube channels based on viewer engagement.

EDUCATION

• B. Tech (Mechanical Engineering)

2017 – 2021

- College of Engineering, Trivandrum [CGPA: 8.8]

• Guvi Master Data Science Certificate

2023