Varad Parchure

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EDUCATION

Savitribai Phule Pune University, Pune, INDIA   **Aug 2017 – Jun 2021**
Bachelor of Engineering, Information Technology   GPA - 8.1/10.0
Courses: *Project Management, OS, Data Structures, Machine Learning, Web Technology*

TECHNICAL SKILLS

- **Interests and Domain:** Data Analysis, Machine Learning, NLP, Time Series
- **Languages and Frameworks:** Python, HTML, SQL, CSS, JSON, Flask, Git
- **Databases:** MySQL, MongoDB
- **Libraries:** Python (Matplotlib, Seaborn, Scikit, Keras, Pytorch, TensorFlow, XGBoost)
- **Tools and Infrastructure:** Jira, Tableau, Agile

WORK EXPERIENCE

- **Business Analyst | miniOrange, Pune, India**   **Aug 2021 – Jul 2022**
  - Handled requirement gathering from Business and delegated to IT to coordinate data needs for Reporting.
  - Optimized existing pivot table reports using Tableau and proposed an expanded set of views in the form of interactive Tableau Dashboards with drill-down capability to enhance data analysis
  - Develop a roadmap for short and long-term work and monitor the work to meet objectives
  - Analyzed qualitative and quantitative data to uncover competition and industry information to drive the business revenue
  - Communicated project status, risks, action items, dependencies, system impacts and roadblocks for technical and non-technical audiences.
  - Implemented solutions resulting in a 70% reduction in refund queries, improving customer satisfaction and streamlining internal processes.
  - Tracking issues through JIRA and providing support in analysis and troubleshooting.

- **Business Analyst Intern | The Sparks Foundation, India**   **Jan 2021 – Feb 2021**
  - Assisted in gathering and analyzing data, creating reports, presentations, and project management tasks.
  - Worked on Excel, Google Sheets, and Tableau Desktop to present insights

ACADEMIC PROJECTS

- **GDP per capita (Python, Pandas, Matplotlib, Seaborn, Scikit-learn, Statsmodels - ARIMA)**
  Forecasted GDP per capita for multiple countries for the next 6 years with 92.3% accuracy using ARIMA model.

- **Predicting California Housing Prices (Kaggle) (Python, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow)**
  Developed a linear regression model using XGBoost and LGBMRegressor to predict house prices based on medium house income, house age and number of bedrooms. Achieved an R^2 value of 0.8 on the test set and the model ranked among top 20% of the submissions.

- **Fitness Tracker Case Study Analysis (Python, Pandas, NumPy, Matplotlib, Tableau)**
  Completed a case study as a part of Google Capstone project where I analyzed Fitbit Fitness Tracker Data to gain insights into how consumers are using the Fitbit app and discover trends and insights for marketing strategy.

- **Uncovering Shopping Behavior Patterns through Customer Segmentation Analysis (Python, Scikit-learn - KMeans)**
  performed customer segmentation and clustering analysis on a mall customers dataset. The resulting insights can be used to inform marketing strategies and enhance the overall customer experience.

CERTIFICATIONS

- **Google Data Analytics Professional Certificate**
- **KPMG Data Analytics Consulting Experience Program on Forage**
  Conducted market research and data analysis to create an insights report.
- **Tableau Desktop I Fundamentals**

LEADERSHIPS AND ACTIVITIES

- **Treasurer** – CSI Modern College of Engineering Pune Chapter
- **ProStart 2020** Inter College Hackathon runner-up
- **Basketball Team Captain** – Modern College, Pune