SaiPramod Bhupathi

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SUMMARY

A Graduate student specializing in Data Science and Analytics with almost three years of professional experience in the Banking Industry. Strong problem-solving and interpersonal skills with proficiency in SQL, R, Power BI, Tableau, and Python programming. Have a deep understanding of Statistics and Machine Learning techniques. Eyeing a Data Analyst role to leverage analytical skills for impactful solutions.

TECHNICAL SKILLS

Programming: SQL, Python, R
Framework and Tools: Oracle SQL Developer, SSMS, MS SQL Server, Pandas, NumPy, Scikit-Learn, MS PowerPoint, Jupyter Notebook
Visualization: Tableau, Power BI, Excel, Looker Studio, Matplotlib
Statistics: Regression, Clustering, Market Basket Analysis, ARIMA, Hypothesis testing, etc.,
Soft skills: Professional communication skills, Team management, Analytical-Problem Solving, Time management, Intellectual-honesty.

PROFESSIONAL EXPERIENCE

Georgia State University-Truist Bank   Aug 2023 – Dec 2023
Graduate Research Assistantship   *Atlanta, USA*
- Developed a benchmark to compare Truist's TFCD metrics against 8 other National banks.
- Conducted **Exploratory Data Analysis**, employing **Python's NLTK** libraries to decode complex, data-driven business problems effectively.
- Enforced **Data Mining** techniques to demonstrate the potential business impact of improved TFCD metrics in terms of **risk assessment**.
- Implemented **OCR (Optical Character Recognition)** to extract text from scanned documents using **Python**, achieving **94% accuracy** in data analysis and accessibility.

Ujjivan Small Finance Bank   Sep 2022 – Jul 2023
Data Scientist   *Bangalore, INDIA*
- Generated business of **690 million** for Q4 FY22 by collaborating with credit and marketing teams utilizing **SQL queries** in **SSMS**
- Performed root cause analysis and recommended solutions to mitigate **revenue leakage by 11%** in FY22-23.
- Developed **retention models** using **Machine Learning algorithms** with **Python (Scikit-Learn)** that slashed customer attrition by 10% within 6 months by identifying key churn predictors and informing strategic customer engagement activities.
- Steered a **team of 3 members** to develop and deliver projects and ad-hoc on time, aided and assisted the team with the required training to achieve an accuracy of 90%.
- Devised multiple **dashboards** using **Tableau** for portfolio monitoring for senior management enhancing data visualization and efficiency.

Karur Vysya Bank   Nov 2020 – Aug 2022
Data Analyst   *Chennai, INDIA*
- Devised various regular scheduled activities to help business heads to the right areas of focus.
- Designed **DataMart** for team utilization in diverse business requirements, resulting in a **30% reduction** in time-to-insight for projects.
- Automated monthly schedule **reports** using **Power BI** for senior management, saving 20 hours of manual work per month.
- Enhanced customer engagement by analyzing spending patterns using **Oracle SQL Developer** and segmenting them by forming strategies to pitch the right product.
- Managed and delivered over 75 ad-hoc requirements for different stakeholders using complex **SQL** queries in **Oracle SQL Developer**.

EDUCATION

Georgia State University, Atlanta   Aug 2023 – Dec 2024
Master's in Data Science and Analytics   GPA – 3.93/4
Coursework: Statistics, Data Base Management Systems, Python Programming, Data Visualization, Scalable Analytics, Deep Learning, Machine Learning, Predictive Modelling

The State University of New York at Buffalo, Buffalo   Aug 2019 – Aug 2020
Master's in Business Analytics and Systems- (Dual Degree Program)   GPA – 3.61/4
Coursework: Enterprise Models, Project and Change Management, Strategy and Policy, Information Assurance, Analysis, Modeling and Design

Amrita Vishwa Vidyapeetham, Bangalore   Jul 2018 – Aug 2020
Master's in Business Analytics   GPA – 8.43/10

ACADEMIC PROJECTS

Electric Avenue- API Using GCP
- Leveraged **Google Cloud Platform (GCP)** services including **Google Big Query** and **Looker Studio** to extract insights from complex data.
- Accomplished task by dividing the system into modules: **Data Extraction through API, Data Transformation, Validation, Analysis, Visualization**

Stock Price Prediction
- Developed **predictive models** for Apple's stock trajectory, infusing models with seasonal trends to anticipate critical market shifts.
- Enhanced stock forecasts using **LSTM, SARIMA, and ARIMA**, emphasizing seasonality and early alerts for price fluctuations.

CERTIFICATIONS

- Certified Data Analytics Essentials from CISCO
- Python programming, R basics from UDEMY