

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/Scientist 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 Power Point, 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 (Taskforce for Climate Related Financial Disclosures) metrics with other 8 National banks.
- Utilized public data sources for **Exploratory Data Analysis** and used **NLP** algorithms to facilitate data driven business problems.
- Enforced **Data Mining** techniques to demonstrate potential business impact of improved TFCD metrics in terms of **risk assessment**.
- Implemented **OCR (Optical Character Recognition)** to extract text from scanned documents, achieving **94% accuracy**.

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
- Performed root cause analysis and recommended solutions to mitigate **revenue leakage by 11%** in FY22-23.
- Built **retention models** using **Machine Learning algorithms** that reduced Customer attrition by 10% within 6months, providing actionable insights and strategies.
- 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 accuracy of 90%.
- Devised multiple **dashboards** using **Tableau** for portfolio monitoring for senior management.

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 **30% reduction** in time-to-insight for projects.
- Automated monthly schedule reports using **Power BI** for senior management, saving 30hrs of manual work per month.
- Enhanced customer engagement by analyzing spending patterns and segmented them by forming strategies to pitch the right product.
- Managed and delivered over 75 ad-hoc requirements for different stakeholders using complex **SQL** queries.

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

- Accomplished this task by dividing the system into modules: **Data Extraction through API, Data Transformation, Validation, Analysis, Visualization**
- Generated useful insights by utilizing **Google Cloud Platform (GCP)** services like **Google Big Query** and **Looker Studio**

Stock Price Prediction

- Developed **predictive algorithms** 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