

# 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 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