Praachi Ganjawalla

pganjawalla1@gmail.com | www.linkedin.com/in/praachi-ganjawalla |978-349-8933

EDUCATION:

UNIVERSITY OF MASSACHUSETTS   Lowell, Massachusetts
Master of Science in Business Analytics with minor in Financial Analysis, GPA 3.925   Sept 2022 – Present
- Coursework: Database Management, Statistics in Predictive Analysis, Business Intelligence & Data Mining, Decision Analytics, Analytical Decision-Making Tools, Corporate Finance, Financial Statement Analysis, Data Visualization, Advanced Machine Learning

UNIVERSITY OF MUMBAI   Mumbai, India
Bachelor of Accounting and Finance, CGPA 9.56   June 2019 – May 2022

SKILLS:

Tableau | Power BI | SQL | Python | Microsoft Office | Salesforce | Oracle | Pandas| NumPy | XGboost | sklearn | SciPy | Matplotlib | TensorFlow | Seaborn | SAP ERP | Google Suite |

WORK EXPERIENCE:

GRADUATE AND PROFESSIONAL STUDIES   Lowell, Massachusetts
Admissions Data Analyst and Support Specialist   December 2022 - Present
- Analyzed and contributed to daily **Tableau** dashboard developments, enabling data-driven decision-making that led to a notable 15% improvement in operational efficiency and a 20% reduction in data errors.
- Methodically collected student data of the Undergraduate Online students, conducting reviews for admissions which resulted in a year-on-year 12% growth in admissions.
- Mentored 3 colleagues in Advanced **Data analysis** techniques, leveraging **Salesforce, SQL** and the student information system guiding them in impactful projects related to admissions trends and data interpretation.

DIGITAL FEDERAL CREDIT UNION   Lowell, Massachusetts
Capstone Project Intern   May 2023 – Present
- Spearheaded the development of predictive models for Loss Given Default (LGD%) utilizing advanced statistical techniques, with a primary focus on **Linear Regression** and **Logistic Regression**.
- Engaged with stakeholders, including risk management teams, to incorporate requested features into predictive modeling which accurately reflected business needs, enhancing decision-making and stakeholder satisfaction.
- Enhanced the Python-based model by 20%, showcasing commitment to precision and data integrity, with a Logistic Regression model validated at 70% accuracy on both training and test sets, ensuring no overfitting.

DIE PLAST PVT LTD   Mumbai, India
Financial Analyst   April 2020- March 2021
- Conducted in-depth financial analysis and crafted insightful reports on company financial performance using **Power BI**, resulting in a 10% increase in revenue visibility.
- Collaborated with the cross-functional departments to implement advanced financial modeling and data analysis techniques, identifying, and capitalizing on cost-saving opportunities, resulting in a substantial 18% reduction in overall expenditures.
- Leveraged **SAP** and **Oracle Hyperion** for streamlined business analysis, achieving a 10% reduction in overdue accounts receivable and optimizing cash flow management.

RELEVANT PROJECT EXPERIENCE:

Harvard Case Study: Asian Grill   Jan 2023 – May 2023
- Employed **Simulation**, **SimQuick** and **Advanced Excel** methodologies to strategically optimize table mix for enhanced restaurant efficiency. The goal was to maximize profits, minimize costs, accommodate more patrons, reduce waiting times, and achieve the most efficient capacity utilization.

Loan Approval Prediction Analysis   June 2023 – July 2023
- Utilized ML classifiers to predict loan approval status, showcasing versatility in **Machine learning** techniques.
- Achieved 8% accuracy in loan approval prediction using various models like **Naive Bayes model**, demonstrating effective model selection and performance optimization.

New York Property Sales Prediction   May 2021 - June 2021
- Applied data cleansing and transformation using **Pandas** and **NumPy** libraries on the dataset.
- Performed regression and created interactive tableau dashboard to visualize each borough.

CERTIFICATION:

Google Data Analytics Professional Certificate, SQL & Python Essential Training by LinkedIn Learning, Information Privacy & security for health sciences, Tableau for Data Scientist by LinkedIn Learning.