PRANAV BORKAR
Brooklyn, NY, 11220

Email:Pranavborkar776@gmail.com   [LinkdIn]   **Phone:** +91 9545689360

EDUCATION:
- **MS in Management and Systems (Database Technology), New York University**   **Sep 2023-May 2025**
  Courses: Database Application, Data Mining and Data Warehouse, Design Strategies,
         Global Innovation, Economics & Strategy, Statistics for Data Analyst.
- **BE in Electronics Engineering, Nagpur University**   **Aug 2018-May 2022**
- Courses: Data Structures & Algorithms, Object Oriented Programming, Computer Organization

---

PROFESSIONAL EXPERIENCE:
Course Assistant (Data Structures), New York University   **Jan 2024 - Present**
- Conducted timely review and grading of student assignments and exams, showcasing strong **attention to detail** and **analytical problem-solving** skills.

Cognizant Pune, Maharashtra, India

Programmer Analyst   **July 2022 - Jun 2023**
- Collaborated with a diverse client base to analyze intricate **business requirements**, identifying pain points and recommending strategic **technology-driven solutions** that reduced customer support issues by 40% and increased satisfaction by 25%.
- Facilitated seamless communication between developers and clients, ensuring efficient delivery of solutions, resulting in a 30% increase in **on-time project completion** and a 20% improvement in **client retention rates**.
- Designed and automated **monthly, quarterly, and yearly reports** (MTD, QTD, YTD) using **SQL** and **Python**, enhancing reporting accuracy and timeliness.
- Generated regular and ad-hoc **data analytics reports**, translating complex datasets into actionable insights for strategic decision-making.
- Developed and maintained interactive **dashboards** using **Tableau** and **Power BI** to provide real-time visibility into **key operational metrics**, enabling data-driven decisions for the Operations team.
- Conducted sentiment analysis based on gender, location, and levels, leveraging **Python** and **SQL**, identifying trends and actionable recommendations for operational improvements.

Programmer Intern   **Jan 2022 - June 2022**
- Administered **Oracle** and **MySQL** databases, ensuring seamless compatibility with RTC applications while optimizing database performance for client use.
- Conducted comprehensive data analysis and interpreted market trends, delivering insights that contributed to a 15% increase in revenue, leveraging **Big Data concepts**.
- Extracted, cleaned, and processed business data using **Python libraries** such as Pandas and NumPy, ensuring adherence to business requirements.
- Developed and executed **SQL queries** to ensure **ETL code** met all business needs and maintained data integrity.
- Designed and implemented dashboards using **Power BI** and **Tableau**, facilitating data visualization and enabling leadership to make **informed decisions**.

PROJECT EXPERIENCE:
Title: Airbnb Data Analysis across USA: Tableau, Python (Numpy, Pandas), Excel
- Executed **in-depth data analysis** on Airbnb's Listings and price distribution, host performance, guest experience, market evolution, culminating in the creation of an interactive **Tableau dashboard** to implement **data solutions.**
- Integrated multiple data sets from Kaggle through advanced **Tableau Power Prep** functionalities, like **Joins and Unions**, resulting in a comprehensive and unified dataset comprising 43 fields and 2 million records for analysis. Achieved a 20% improvement in **data accuracy** by leveraging **Python libraries for data cleaning.**

Title: Forecast Sales
- The task was to predict the future sales to optimize business process for profitable decision making.
- Analyzed historical data set using Python to understand the products and showcased the metrics using PowerBi which benefited the company by stocking up the inventory accurately.

Title: Customer Retention
- Extracted different datasets using SQL, Python from customer feedback, buying and selling data, survey data, timeline data, etc.
- Analyzed and found some key insights about customer satisfaction and problem spaces, rating and budget helping the company increase revenue by 25%.

TECHNICAL SKILLS:
- **Computer Languages**: Python (Pandas, NumPy, Matplotlib, seaborn), PySpark, ETL/ELT, Big Data, Apache Spark
- **Databases**: Oracle 12c, SQL, RDBMS, Data Modeling
- **Cloud**: Google Cloud (Certified), AWS
- **Tools**: Tableau, PowerBI
- **Statistical Analysis:** Hypothesis Testing, Regression Analysis, Time Series Analysis, Exploratory Data Analysis (EDA), Clustering (K-Means), Classification Models.
- **Other Skills**: Project Management, Agile & Waterfall Methodologies, Strategic Thinking, Data Driven Decision Making, Customer Feedback Integration, Customer Service, Leadership, Excellent Communication