

Bhargavi Manyala

199 Kent St, Ottawa, ON K2P 2K8 | bhargavim8000@gmail.com | 617-470-5305

EDUCATION

Boston University, Massachusetts, United States of America

Aug'24-'25

Pursuing Masters in Applied Business Analytics

Relevant coursework: Business Analytics Foundations, Operations Management, Financial Concepts, Decision-Making Techniques, Enterprise Risk Analytics, Marketing Analytics, Web Analytics, Data Mining for Business Analytics

Sivani Institute of Management, Hyderabad, India

Jul'19-Dec'21

Post Graduate Diploma in Management in Finance as Major, Minor in Marketing and Sectoral in Banking

Relevant coursework: Business Statistics and Analytics for Decision Making, Research Methodology, Investment Analysis & Management

Andhra University, India

Oct'14-Apr'17

Bachelor of technology in Computer Science and Engineering

Relevant coursework: Data Warehousing and Data Mining, DBMS, Probability Statistics & Queueing Theory

TECHNICAL SKILLS

- **Tools & Technologies:** Power BI, R, Excel, SQL(Basics), Python (Basics)
- **Skills:** Data Analysis, Financial Modelling, Business Reporting, Communication, Team Collaboration, Fraud Risk Analysis
- **Certifications:** Entry Certificate in Business Analysis (ECBA Certificate ID -15476319)

PROFESSIONAL EXPERIENCE

Amazon Development Center, Hyderabad, India

Abuse Specialist

Apr'22-Apr'23

- Investigated high-risk transaction patterns and flagged suspicious activities to support fraud prevention in a high-volume digital payment's environment.
- Used SQL and Excel to query large datasets, uncover anomalies, and propose logic updates for real-time fraud detection.
- Built a reporting tool (MVP) to track fraud patterns and documented findings to support compliance.
- Collaborated with analysts to update fraud rules and improve workflows.

Verity Knowledge Solutions, Hyderabad, India

Aug'21-Feb'23

Legal and Compliance Trainee

- Manage our legal compliance program and make changes as necessary.
- Create detailed reports to inform management about compliance with laws.
- Effectively manage and resolve any compliance violations or negative audit findings.
- Educate our employees on the regulations and processes needed.
- Supported administrative tasks such as documentation, report formatting, record-keeping, and compliance tracking.

Rebridz Realtors

Investment Consultant

May'20-Jun'20

- Interacted with potential customers to explain real estate products and answer inquiries clearly.
- Followed up with interested clients and supported them through the decision-making process.
- Gained hands-on experience in customer communication, persuasion, and maintaining contact records for sales follow-ups.

PROJECTS

Crawford Development Risk Assessment and Financial Planning

[Simulation Project]

- Reviewed sales and cash flow data for residential and commercial projects.
- Conducted simulations to see how project profits (NPV) would change under uncertain market conditions.
- Analyzed different scenarios to understand the chances of loan repayment for each project.
- Worked closely with team members to organize results, create charts, and prepare the presentation.
- Suggested ways to reduce financial risk, especially for the residential project.
- Used simple models like triangular and best-fit distributions to test possible outcomes.

- Created clear graphs to compare expected and simulated profits.
- Studied how changes in interest rates could affect loan repayment from the bank's perspective.
- Recommended the commercial project for its steady and low risk returns.
- Maintained detailed records of the work process, tools used, and final conclusions.

Borough Park Real Estate Analysis

[Power BI, R, Solver]

- Analyzed 10 years of real estate sales data to understand market trends, pricing patterns, and property performance across different property types.
- Cleaned and prepared the dataset by correcting data entry errors, removing duplicates, and ensuring consistency for accurate analysis.
- Used descriptive analytics to explore changes in transaction volumes and average prices over time.
- Identified the most in-demand property categories and monitored how external factors affected sales performance.
- Developed predictive models such as time series and multiple regression to forecast future sales patterns and price movements.
- Determined the key factors influencing property prices, including sale timing and number of units.
- Evaluated market stability and segmentation using statistical analysis and clustering techniques.
- Applied prescriptive analytics using Solver to find the best combination of commission rates and staffing levels within a set budget.
- Conducted optimization scenarios to balance costs and improve operational efficiency.
- Recommended strategies that enhanced profitability and increased market penetration based on model results.
- Maintained clear documentation of the data process, models used, and key findings to support data-driven decisions.

Microbrewery Integration for Austin-Detroit Pizza

[Marketing/Finance Simulations]

- Evaluated the feasibility of adding a craft microbrewery to an existing pizza restaurant by modeling demand, forecasting revenue, and analyzing breakeven timelines.
- Optimized operating costs (marketing, salaries, utilities) and improved net profit ratio by reducing fixed expenses and aligning production with seasonal demand.
- Developed a strategic roadmap for staffing, to ensure a quick 3.3-month breakeven point and sustainable growth.

Factors affecting the home buying decisions in the purchase of Residential Property

[PSPP Software]

- Determined the most important factor between behavioral and environmental factors.
- Identified the most important factors that home buyers considered while purchasing residential property through a well-structured questionnaire.
- Compared behavioral and environmental factors using tools such as factors analysis and descriptive statistics.