

MAHARSHI VYAS

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SUMMARY

Motivated Masters in Business Administration with a specialization in financial management. Holds a certificates in Data Science, Machine Learning and Business Analysis targeting entry-level roles as a Business Analyst/Data Analyst. Eager to apply academic knowledge and analytical skills to drive business insights. Passionate about fostering diversity and inclusion in the workplace. As a person with a disability, brings unique perspectives, resilience, and a commitment to team success.

SKILLS

Hard Skills:

- Data Analysis
- Data Visualization
- Statistical Analysis
- Data Science
- Advanced MS Excel
- Power BI
- Python
- MySQL & DBMS
- Business Analysis
- Requirements Gathering
- Market Analysis
- Machine Learning
- Financial Modelling

Soft Skills

- Communication & Interpersonal
- Reporting and Documentation
- Stakeholder Management
- Collaboration and Teamwork
- Problem-Solving
- Critical Thinking
- Business Process Modeling
- Decision-Making
- Customer Focus

WORK EXPERIENCE

Data Science Intern |

Aug '23 - Feb '24

Flip Robo Technologies

Roles & Responsibilities:

- **Data Analysis, Exploration & Process Optimization**
- Completed **data preprocessing, cleaning, and wrangling** to prepare data for modeling
- Gained experience with **data visualization and exploratory data analysis**
- Identified, analyzed, and interpreted trends in complex data sets using **supervised and unsupervised learning techniques**
- Contributed to the **development of predictive models** to solve business problems, such as **customer churn and product demand forecasting**.
- **Developed effective presentations and visualizations** to communicate complex technical concepts to non-technical stakeholders.

PROJECTS

Project Title: Library Management System

- **Objective:** To develop a robust library management system that facilitates efficient book tracking, member management, and transaction recording.
- **Tech Stack:** MySQL Workbench
- **Solution:** Implemented SQL queries: listing borrowed books, popular genres, revenue; complex queries: overdue books, top 10 borrowed.

Project Title: Medical Cost Prediction

- **Objective:** Develop medical cost prediction model using linear regression to estimate insurance charges based on health demographics.
- **Tech Stack:** Python, Libraries including Pandas, NumPy, Scikit-learn etc..
- **Solution:** Implemented Linear Regression, achieved high accuracy with MSE and R2 metrics. Preprocessed data, used Python libraries for modeling.

Project Title: IPL Dashboard

- **Objective:** Create IPL Dashboard for player stats, match outcomes, team performance analysis, aiding data-driven IPL decisions.
- **Tech Stack:** Microsoft Excel
- **Solution:** Created interactive IPL Dashboard in Excel with advanced features, integrated external data sources for informed decision-making.

EDUCATION

MBA - Financial Management

ALAGAPPA UNIVERSITY

Jul '21 - May '23
Karaikudi, Tamil Nadu

Bachelors in Commerce - Advanced Accounting & Auditing

Gujarat University

Dec '14 - Apr '17
Ahmedabad Gujarat

COURSES & CERTIFICATIONS

Data Trained Education Pvt. Ltd.

Feb '23 - Apr '24

PG Program in Data Science, Machine Learning & Neural Networks

With Business Analytics with Power BI & Advanced Excel.

During this period I learnt, practiced and utilized my learnings during my internship and projects

- Proficient in **Python and SQL** for data manipulation, analysis, and visualization
- Strong foundation in hypothesis testing, regression analysis, and probability theory for **data-driven decision-making**
- Skilled in data cleaning, preprocessing, and working with **SQL and NoSQL databases**
- Comprehensive knowledge of **machine learning algorithms, including decision trees, random forests, and neural networks**
- Utilized Excel, Python, & SQL to conduct in-depth exploratory data analysis, extracting **actionable insights**, identifying patterns, & recognizing trends for informed decision-making
- Deployed Neural Networks, Decision Trees, Logistic Regression, & **Random Forest machine learning models in production environments** across Finance, E-commerce, & Healthcare sectors for practical applications
- Effectively communicated complex technical concepts & findings to non-technical stakeholders through **data visualization tools**, enhancing collaboration within interdisciplinary teams

Career Essentials in Business Analysis by Microsoft and LinkedIn

May '24

- **Business Analysis:** Acquired skills in requirement gathering, data analysis, and stakeholder communication to support informed decision-making and project success.
- **Business Process Management:** Learned to **map, analyze, and optimize business processes** to improve organizational efficiency and effectiveness.
- **Cross-functional Collaborations:** Gained experience working **effectively with diverse teams to achieve common goals, ensuring clear communication and successful** project outcomes.
- **Project Management:** Learned to **plan, execute, and oversee projects, utilizing tools and methodologies** to manage timelines, resources, and stakeholder expectations
- **Agile Requirements Foundations:** Learned to **develop and prioritize user stories and maintain product backlogs to support Agile project workflows.**
- **Requirements Gathering:** Developed skills in **eliciting and documenting business requirements through stakeholder interviews, surveys, and workshops.**
- **Requirements Management:** Acquired skills in **tracking, analyzing, and maintaining requirements** throughout the project lifecycle to ensure alignment with business objectives.
- **Microsoft 365:** Proficient in utilizing Microsoft 365 tools such as **Word, Excel, PowerPoint, and Teams to enhance productivity and collaboration in a professional environment**

PERSONAL INFORMATION

Date of Birth : 18-07-1994

Gender : Male

Nationality : Indian

Languages : English, Hindi, Gujarati