PARSHAD NIRBHAVANE

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LINKEDIN QR

ACADEMIC QUALIFICATIONS

Master Of Business Analytics

La Trobe University

TECHNICAL SKILLS

•**Data Science -** Statistical Analysis, Data Visualization, Experimental Design, A/B Testing, etc.

•**Data Analysis -** Regression Analysis, Time Series, Predictive Modelling.

•**Languages –** Python, R

•**Libraries &Tools –** PowerBI, Tableau, Advanced Excel, Pandas, Numpy,Matplotlib, Plotly, etc.

•**Database & Developer tools–** MySQL, PostgreSQL, Anaconda, Jupyter Notebook.

•**Version Control & Deployment –** AWS and AZURE

•**Machine Learning:** Competent in building and evaluating machine learning models for predictive analytics.

•**Feature Engineering:** Experienced in selecting and engineering features to improve model accuracy.

GENERAL WORK EXPERIENCE

- Business acumen
- Numerical skills
- Presentation
- Communication skills
- People
- Management skills
- Console Operator
- Customer Representative
- Customer Interaction
- Reviewing feedbacks
- Folloups

PROFILE

Detail-oriented Data Analyst with a Master of Business Analytics. Experienced in statistical analysis, predictive modeling, and data visualization using tools like Power BI, Tableau, Python, and R. Adept at transforming complex datasets into actionable insights to drive strategic decisions. Passionate about leveraging data to innovate and create sustainable solutions.

WORK EXPERIENCE

DATA ANALYST

AMBIKA INDUSTRY

APR 2022 - DEC 2022

- Extracted and transformed restaurant data, creating clear, informative visualizations in Power BI.
- Developed traffic analysis reports to optimize resource allocation and staffing levels.
- Defined and implemented KPIs to measure service efficiency and operational performance.
- Analyzed historical data to identify dining patterns and recommend staffing and inventory levels.
- Monitored sales and revenue trends with Power BI dashboards, aiding data-driven decision-making.

DATA ANALYST

FUEL INTELLEGENCE

JAN 2022 - APR 2022

- Led Power BI projects for clients including Campbell's, Pepsi, Nestle, and Reckitt, delivering tailored data solutions.
- Customized Power BI dashboards to meet specific client requirements, ensuring high-quality visualizations.
- Integrated market research into analyses, providing clients with insights into market trends and competitive landscapes.
- Developed complex SQL queries to extract actionable insights from large datasets, driving business outcomes.
- Acted as the primary liaison between clients and the analytics team, ensuring clear communication and seamless collaboration.

PROJECT ANALYST

EAGLE INFRA PVT LTD

APR 2019 - DEC 2021

- Oversaw 7 MLD and 50 MLD plants, oversaw data analysis for large STP projects, and improved project outcomes by making data-driven decisions.
- obtained knowledge from operational data to enhance project efficiency and streamline procedures, saving a substantial amount of money.
- built dynamic Power BI dashboards to show resource usage, project schedules, and performance data.
- SQL queries were run to combine data from sensors, SCADA systems, and project management tools, giving stakeholders a cohesive picture.

PROJECTS

Analytics, Machine Learning, and Robotic Process Automation

- Developed and implemented AI-powered solutions for waste collection optimization, including routing algorithms (Dijkstra's, A*), genetic algorithms, machine learning models (regression, classification, clustering), and real-time data processing (streaming analytics). Utilized predictive analytics (ARIMA, Prophet), optimization techniques (ILP, constraint programming), and reinforcement learning (Q-Learning, DQN) to enhance route efficiency, reduce costs, and minimize environmental impact.
- Key achievements included improved efficiency in waste collection, significant cost and fuel savings, enhanced service delivery, and addressing challenges related to data quality, technology integration, and ethical considerations in AI implementation.

INTERESTS OUTSIDE WORK

- ·Social issues – related to organisation
- ·Business acumen/ Numerical skills
- ·Presentation/ communication skills
- Tech developments/ volunteer to tech

PROFESSIONAL QUALIFICATIONS

- Udemy AWS Cloud Certification
- Professional Tableau Certification

SOFT SKILLS

- Problem-Solving
- Critical Thinking
- Collaboration
- Adaptability
- Attention to Detail
- Stakeholder Management
- Negotiation
- Time Management
- Analytical Thinking
- Leadership

INTEREST IN

- Formula one
- Anime
- Cricket

PROJECTS

Analytics, Machine Learning, and Robotic Process Automation

- ·Comprehensive End-User Survey and Advanced Analytics Approach:
- ·Conducted an extensive end-user survey to gather valuable insights into the Australian market for beauty, health, and wellness products, focusing on customer demographics, product preferences, and confidence levels.
- ·Performed rigorous analysis on the survey data, utilizing tools such as IBM Cognos, SAP Lumira, and Power BI to extract meaningful patterns and trends, demonstrating proficiency in data analytics and visualization.

Predictive Modelling and Dashboard Development for Heart Disease Prediction

- ·Developed a machine learning model using the Heart Disease dataset: Built and evaluated classification models (Logistic Regression, Decision Tree, Random Forest) to predict heart disease with high accuracy, utilizing data pre-processing, feature engineering, and model explainability techniques.
- ·Created a comprehensive analytics dashboard: Used Power BI/Tableau to visualize data trends and patterns, integrating insights from predictive models to highlight key features and model performance for healthcare professionals.
- ·Utilized advanced tools and technologies: Leveraged Python, Jupyter Notebook, Google Colab for machine learning; Power BI/Tableau for visualization; and SHAP for model explainability, enhancing the interpretability and usability of the predictive models.

ANALYTICS ASPIRATIONS / SUMMARY/ CAREER FOCUS

·What I have done:

Although I will completed my Master of Business Analytics in November 2024, I have demonstrated proficiency in applying advanced analytics, machine learning, and data visualization techniques to real-world problems. My recent project on predictive modeling and dashboard development for heart disease prediction showcases my ability to handle complex datasets, build accurate predictive models, and create insightful visualizations that can drive actionable insights.

·What I intend to do – in five/ten years:

In five to ten years, I aspire to be at the forefront of the analytics industry, driving change and innovation. My ultimate goal is to leverage data-driven insights to tackle global challenges, improve decision-making processes, and contribute to the betterment of society. I am passionate about using analytics to create sustainable and impactful solutions that can change the world.