URVI VAIDYA

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EDUCATION

University of California, Irvine, Irvine, CA   08/2023

Master of Science in Business Analytics (STEM certified)

- Awarded the esteemed Merage Scholarship for exceptional educational background and leadership.
- Appointed as VP Finance of the Merage Analytics Club.
- Relevant coursework: Statistics, Predictive Analytics, Customer & Social Analytics, Machine Learning, Deep Learning, Supply Chain Analytics, A/B Testing.

Harvard University   07/2021

CS50x - Introduction to Computer Science

- Relevant Skills: C++, Python, SQL, Data Structures, Algorithms, Web Development

University of Mumbai, Mumbai, India

Postgraduate Diploma in Data Science & Business Analytics   06/2022

- Relevant coursework: Python, R, SQL, PL/SQL, SQL Server, Machine Learning, Time Series Analysis & Forecasting, Data Visualization, Hadoop, Spark.

Bachelor of Laws   05/2017

Bachelor of Commerce (Emphasis in Financial Accounting & Auditing)   03/2014

EXPERIENCE

INGRAM MICRO, Irvine, CA   01/2023 – 06/2023

Data Analyst (Apprenticeship) *PYTHON | EXCEL | TABLEAU*

- Led a team to create a framework for systematically identifying the optimal granularity of demand forecasting regions and minimizing transportation distance.
- Created a machine learning model to cluster and forecast demand for resellers with limited data, engineered features to customize the model according to specific business requirements.

AURIS LEGAL, Mumbai, India   04/2018 – 06/2022

Legal Analyst *EXCEL | PYTHON | R | SQL*

- Designed and implemented a robust document management system using SQL, enabling efficient storage and retrieval of hundreds of contracts in PDF and Word formats. Streamlined document organization, improved searchability, and implemented advanced search functionality, resulting in a 40% reduction in document search time and increased productivity for seamless contract management.
- Applied advanced statistical analysis techniques to support litigation strategies, assess risks, and predict case outcomes, resulting in a 25% increase in successful case resolutions and providing informed legal advice for optimal decision-making.
- Developed and delivered comprehensive technology training programs, equipping teams with the skills to effectively leverage legal tech tools, leading to a 30% improvement in efficiency and significant cost savings.

JAIHIND ROADWAYS PVT. LTD., Mumbai, India.   04/2014 – 01/2018

Business Analyst *EXCEL | SPSS | POWERBI*

- Achieved 5% cost reduction by developing predictive models to forecast resource requirements, optimizing allocation, and improving operational efficiency in a cross-functional setting.
- Created interactive visualizations and reports that provided actionable insights into business performance, enabling data-driven decisions, and resulting in increased gross revenue.
- Extracted insights from order data, identifying factors contributing to non-repeat business and implementing targeted strategies, reducing customer attrition by 10%.

PROJECTS & ACTIVITIES

KPMG Hackathon *PYTHON | DATAIKU*
- Attained a top 10 ranking among 33 teams by developing sustainable solutions for California's energy challenges using predictive modeling and tableau.

SoCalRUG Data Hackathon *PYTHON | TABLEAU*
- Conducted text analysis of Yelp reviews to analyze the trajectory of La Quinta Inn, Santa Barbara, identifying key factors that led to its eventual shutdown and developed actionable recommendations.

Enhancing Food Safety with Deep Learning *PYTHON, TENSORFLOW*
- Received the Best Project award for developing a Convolutional Neural Network (CNN) that accurately detects defective food based on quality control standards and conducted a cost-benefit analysis to evaluate its implementation.

Bankruptcy Prediction *R*
- Developed a machine learning model to predict company bankruptcy, utilizing synthetic bootstrapping to address imbalanced data and enhance predictability. Identified critical financial metrics as early risk indicators.

Personal Library Manager *PYTHON, FLASK | SQL | HTML | CSS*
- Created a multi-user web application for library management, providing login and administration features.

SKILLS

Strengths: Quick learner, adaptable to changes, with strong analytical thinking and collaboration skills.

Technical: Proficient in MS Office (Word, Excel, PowerPoint), SPSS, SQL, PL/SQL, R, Python, PowerBI, Tableau, Access, Flask, C++, HTML, SQL Server, A/B Testing, Hadoop, Hive, Spark, Git.