

MANALI SURYAWANSHI

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SUMMARY

Business Analytics Master student and Quality Engineer transitioning to data analytics, proficient at driving data-driven decisions for organizational efficiency and innovation.

EDUCATION

University of New Haven

MS, Business Analytics; GPA: 4 / 4

New Haven, CT, USA

August 2023 – Present

Savitribai Phule Pune University

BE, Information Technology; GPA: 8.13 / 10

Nashik, India

July 2017- July 2021

WORK EXPERIENCE

LTIMINDTREE

Quality Engineer in Testing

Pune, India

October 2021 – August 2023

- Innovated and optimized vital healthcare applications, achieving a 35% improvement in data accuracy and a 15% reduction in operational costs for a premier Healthcare Management Systems firm in the USA.
- Demonstrated Agile/Scrum expertise and conducted comprehensive **JMeter** performance testing, resulting in notable performance improvements of up to 10%.
- Implemented in-sprint automation using Selenium **C#** and **SoapUI**, boosting development efficiency by 8% and ensuring timely delivery of high-quality software.
- Spearheaded the implementation of a regression testing framework, reducing post-release defects by 15% and ensuring stability in critical healthcare applications.

PIXEL WEB WORK

Business Analyst Intern

Mumbai, India

April 2021 – October 2021

- Leveraged SQL databases and PowerBI to conduct detailed analysis of historical sales data; identified growth trends and seasonal fluctuations, resulting in a 25% enhancement in sales strategy and a 15% increase in annual revenue.
- Executed detailed SQL query designs for data extraction and transformation, delivering clean sales data ready for PowerBI analysis; increased data processing efficiency by 45% and reporting accuracy by 30%.
- Produced interactive sales trend charts in PowerBI and collaborated with cross-functional teams to craft personalized dashboards, aligning with business goals and driving a 30% improvement in sales forecasting accuracy.
- Interpreted and communicated sales data insights via SQL and visual tools to stakeholders, facilitating data-driven discussions that led to a 30% revenue growth over two quarters.

TECHNICAL SKILL

- Microsoft Office (Excel, PowerPoint, Word).
- Programming Languages: Python, R Programming, C++, SQL, C, Java, C#, SQL, JavaScript.
- Database Management: MySQL, Mongo DB, Neo4j, **OLAP**, **Microsoft SQL Server Management Studio**, **Data Warehouse**, SSRS, Big Data.
- Data Manipulation: Machine Learning, NLP, Clustering, Deep Learning, Data Mining, Supervised and Unsupervised Learning Models, Data Mapping, Data Cleaning, Data Visualization, Data Modelling, Data wrangling, ETL, ELT.
- Libraries: **Python** (Pandas, NumPy, Matplotlib, Seaborn, sci-kit-learn, SciPy, TensorFlow, Keras, PyTorch), R (ggplot, Plotly).

PROJECT

- **A Machine Learning–Based Approach for Counting Blister Cards Within Drug Packages.** **July 2020 – April 2021**
Created a robust ML model with HOG, ORB, Radon transform, and Gabor Velvet, streamlining blister card counting in drug packages, achieving a 95% reduction in manual labor and increasing accuracy by 97%.
- **Data Visualization for Sales data using PowerBI.** **October 2023 – October 2023**
Designed an intuitive Power BI dashboard with key sales insights like Quantity Sold and Total Sale Value by Store City; facilitated better sales strategy formulation, driving a 30% increase in revenue.
- **Fleetcore-Comprehensive Risk Management Initiative Analysis.** **January 2024 – April 2024**
Orchestrated detailed assessment of risk management strategies via SQL, Python, and Tableau; streamlined operations and enhanced cost efficiency, culminating in a 14% reduction in costs and a 18% revenue growth.

CERTIFICATION

- Learning **Excel** 2019 by LinkedIn Learning. **August 2023**
- **Tableau** 10 Essential Training by LinkedIn Learning. **October 2023**