



WORK EXPERIENCE

- Professional in Data Analytics with 5+ exp in statistical data analysis, data modelling with cost analysis focus.
- Built visualizations and interactive dashboards in Tableau, PowerBI to transform data into actionable insights.
- Data-driven with business acumen, skilled in extracting data, building data pipelines, analyzing large datasets.

EDUCATION

- Bowling Green State University:** Master of Science in Data Analytics Aug 2019 – Aug 2020
- SRM University:** B. Tech, Electronics and Communication Jun 2013 – May 2017

TECHNICAL SKILLS

- **Programming Languages and tools:** Python, R, SQL, SSIS, Informatica, Tableau, Power BI, Qlik
- **Hadoop Eco-Systems and Database Engines:** Spark, Hive, Zeppelin, MSSQL, PostgreSQL
- **Python Libraries:** Pandas, NumPy, Scikit-Learn, SparkMLib, Matplotlib
- **Statistical Analysis:** HypothesisTesting, StatisticalModeling, ComputingMethods, Experimental Design&Analysis

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Business Intelligence Analyst (BIE) – Verizon Business Apr 2021 – Present

- Identified **\$4M cost saving** opportunities for vendor delta processes through stranded assets cancellation.
- Developed **SQL** scripts to match Base and delta information to identify key relations for the stranded assets.
- Provided insights after **in-depth exploratory analysis** of invoice, history of devices, terms, extensions.
- Collaborated with Sales Team, partners and relationship managers to implement **risk management** strategies.
- Provided insights to customize business invoicing, **reducing 50%** of device **installation backlog** in a quarter.
- Performed statistical analysis on Devices, Service Level and provided pricing insights for contract renewal.
- Collected, analyzed and managed **quantitative data** to develop meaningful reports for business improvement.
- Designed and maintained end to end **workflow** of various modules in **Informatica** to transform Vendor data.
- Responsible for maintaining **Tableau dashboards** for vendor intelligence platform, enhanced **KPI Visualizations**.
- Improved business by developing **cost and revenue** assurance analytics processes for VNS, SD-WAN products.
- Performed **ETL techniques**, Data Mapping, Data Transformations and provided technical design solutions to internal reporting team.

Software Analyst – Scicom Services Oct 2020 – Apr 2021

- Designed **ETL** workflow using **Informatica** to analyze project performance meta data to provide insights.
- Performed keyword and entity extraction on customers feedback data using **RAKE** library using **Python**.
- Developed **data pipelines** using Python with end-to-end traceability in case of any upstream pipeline failure.
- Created dashboards to report key phrase frequency and co-occurrence with other phrases in reviews.
- Worked with complex **web analytics** data, manipulated and cleansed data to perform **statistical analysis**.
- Participated in **Scrum/Agile** backlog refinement, daily scrums, sprint planning, sprint review and retrospective.

Research Assistant Analyst – Bowling Green State University Feb 2020 – Aug 2020

- Analyzed feedback data on students learning experiences about registered courses using **SQL, Python**.
- Extracted data from university database and performed **sentiment analysis** to enhance teaching techniques.
- Built **word cloud** visualizations using **PowerBI**, generated recommendation reports with **SOPs** documented.
- Assisted in developing a predictive model using **Machine Learning Algorithms** to offer Cares Act Grant.
- Performed **exploratory data analysis** to cleanse, transform data to identify various patterns in **SQL, Python**.

Data Analyst - Project Engineer – Wipro Ltd Nov 2017 – Jul 2019

- Developed pipelines for forecasting model by manipulating the data of retailers purchase orders using **R**.
- Generated insights for forecasting results to maintain adequate stock at warehouse by achieving **88%** accuracy.
- Insights helped **reduce** manufacturing **cost by 15%**, saving company **~\$250K** by maintaining adequate stock.
- Assisted in developing a new pricing strategy for household goods which boosted profits by 8%, **~\$50K**.
- Responsible for retrieving data using **SQL/Hive queries** from databases and performing enhancements in **R**.
- Used **R and SQL** to eliminate duplicate, inaccurate data for developing and validating quantitative models.
- Performed data exploration mining and conducted predictive, classification analysis on customer/product data.
- Designed visualizations, dashboards of the insights derived from Retail and Consumer data in Tableau.

Data Analyst Intern – Intel Corporation May 2017 – Oct 2017

- Developed dashboards in tableau on sales data for frontline sales leaders.
- Aggregated data by connecting multiple database sources like Oracle, DB2, MS SQL using SSIS Business Tool.
- Assisted in data formatting, profiling, cleaning, analyzing and documentation of data sources.
- Implemented complex SQL queries, stored procedures, and functions from SQL Server and DB2 databases.
- Applied client processing and validation rules using stored procedures and functions.