Ashwin Manjunath Bharadwaj

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SUMMARY - Data analyst with a strong track record of presenting actionable insights and enabling data-driven decision-making. Proficient in SQL, Python, data visualization, and statistics. Experienced in analytical problem-solving and delivering impactful insights to drive business growth. Actively seeking full-time roles and available to start immediately.

EDUCATION

The University of Texas at Dallas *December 2023*
Master of Science, Management Science *3.91 GPA*
Courses: Advanced Statistics for Data Science, Applied Machine Learning, Big Data, Business Analytics with R, Business Data Warehousing, Database Foundations, Data Visualization, Digital Product Management, Marketing Web Analytics, Spreadsheet Modeling and Analytics.
Awards: 'Salesforce CRM Chapter at UTD '- 1st place working for a nonprofit 'The God's Child Project'.

TECHNICAL SKILLS

Programming Languages: Python (Pandas, NumPy, SciPy, sci-kit-learn) SQL, R Programming (matplotlib, ggplot2, caret), C, C++.
Analytics: Power BI, Tableau, Jupyter Notebook, Spotfire, MySQL, DAX, Google Analytics, Adobe Analytics (Omniture), MS SQL Server (SSMS, SSRS), Hypothesis Testing, Regression Analysis, Excel (Lookups, Pivot Tables).
Cloud: AWS Athena, AWS Glue, Azure Databricks, Azure Data Factory, Azure Data Lake Storage, Azure Synapse, SAP Analytics Cloud, SAP Data Warehousing Cloud.
Other: QGIS, ArcGIS, JIRA, ServiceNow, MATLAB, SAP Business Objects, SAP S4/HANA, SAP Lumira, Git, MS Office (PowerPoint, Word).

PROFESSIONAL EXPERIENCE

Frontier Communications | *Strategy Modeling Intern,* Dallas, Texas *June – August 2023*
- Collaborated with the strategy team in analyzing the factors influencing fiber projects, and recommended cost-saving alternatives that reduced project expenses by 42%.
- Reduced construction costs by 50% for the grant programs by analyzing internal and competitors' data using SQL and Power BI.
- Queried databases in AWS Athena to validate data and design consumer dashboards and reports on Power BI to integrate with ArcGIS improving data accessibility, and insights for stakeholders.

The University of Texas at Dallas | *Graduate Teaching Assistant,* Richardson, Texas *August 2022 – May 2023*
- Mentored over 325 students in Statistics and Data Analysis, Quantitative Analysis, and Data Analytics projects.
- Instrumental in resolving complex statistical queries, leading to a 25% improvement in students' academic grades.

Infosys Ltd. | *Systems Engineer (Data Analyst),* Bangalore, India *December 2019 – December 2021*
- Conducted exploratory and ad hoc data analyses on a 100,000+ customer dataset, discovering high-growth customer segments. Implemented targeted marketing, resulting in a 35% product growth surge.
- Performed extraction, cleaning, transformation, validation, and analysis of large-scale complex datasets using SQL, and Python (Pandas, NumPy) resulting in improved data accuracy, reliability and integrity.
- Defined key performance indicators, and designed 5+ dashboards and 10+ reports using Power BI, Tableau, SQL, and Excel to present data-driven actionable insights, leading to a 40% increase in product revenue.
- Cleaned and transformed 10 million+ rows of raw data using Azure Databricks, built ETL pipelines on Azure Data Factory to migrate the data to Azure Data Lake Storage.
- Developed over 150 ad-hoc SQL queries in Azure Synapse to analyze big data, extracting actionable insights that drove data-informed decision-making and optimized business strategies.
- Collaborated with cross-functional leadership teams in Agile methodology to evaluate complex project metrics, executed root cause analysis, and presented strategic solutions to stakeholders for continuous performance improvement.

ACADEMIC PROJECT EXPERIENCE

Loan defaulter classification model |*R (logistic regression, decision tree, neural network), MS Excel* *May 2023*
- Developed and implemented machine learning models using supervised learning techniques on R.
- Trained and validated datasets on various attributes to achieve an accuracy of 92.24% in predicting loan defaulters.

Covid-19 Impact on K-12 Education in Texas |*Python, Tableau* *November 2022*
- Executed data cleaning and integration using Python on school attendance records to analyze the impact of Covid-19 on education.
- Investigated and analyzed datasets containing 100,000+ records, deriving data driven KPIs to reveal meaningful trends.

Austin Police Department Crime Report |*MySQL, Tableau* *July 2022*
- Implemented a data model, incorporating Conceptual Design, Logical Model (ER Model), and Physical Design on MySQL.
- Analyzed 1M + records, and designed dashboards on Tableau for law enforcement, feasibly reducing crime rate by 30%.

Risk Factor Analysis |Py*Spark*, *Hadoop, R, Tableau, Hive* *May 2022*
- Ingested 1M+ records into Hive/Impala tables on Hadoop (HDFS) using PySpark and Pigs for identifying high-risk truck drivers.
- Integrated Tableau with Hadoop and R to determine and analyze the risk factors.
- Employed regression in R to calculate the overall risk factor to identify high-risk drivers, possibly curbing accidents caused by commercial trucks in California through proposed safety measures.