Arijeet Biswas

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SUMMARY

Analyst with 7 year industry experience, in data domain having specialization in RDBMS, Data Visualization

EDUCATION

Sept 2018- Dec 2021	**Master of Science in Data Analytics Engineering (3.8/4)** Specialization:Database Management & Design, Statistics	*Northeastern University, USA*
Aug 2008- May 2012	**Bachelor of Engineering in Mechanical Engineering**	*Thapar University, India*

TECHNICAL SKILLS

Databases	T-SQL(SQL Server,MySQL,PostgreSQL)
Frameworks	Numpy, Pandas, Matplotlib, Seaborn, Airflow
Software	Tableau, PowerBI, Minitab, Excel, Talend

WORK EXPERIENCE

March 2023 - Nov 2023

Senior Data Analyst & TL, Fourfox Solutions
- Led data lineage for regulatory reporting, strategically integrating legacy data through adept use of SQL Tuning, Data Architecture, and Data Marts for a prominent South African bank
- Collaborated with diverse stakeholders and development teams, employing Agile Methodologies to ensure the accurate and timely delivery of project deliverables

March 2022 - Nov 2022

Analyst - Sell to Carvana, Carvana
- Skilled in utilising diverse set of data analysis tools, including T-SQL, Tableau, SSRS, Python to read, write, join, transform and present data to stakeholders for making data-driven business insights and decision making
- Helped reduce resource utilisation for Dealer Marketplace program by more than 50 % by successfully pivoting to Hertz partnership, resulting an increase in Gross per unit
- Increased reporting efficiency by automating daily and weekly analytical dashboards using SQL Server and Tableau
- Owned and maintained stored procedures to support Sell to Carvana department, ensuring data accuracy and consistency
- Designed and maintained over 10 dashboards in Tableau Server for Finance, Marketing, Operations & Strategy, Product, Titles & Registration teams
- Scripted and optimized SQL queries by creating CTEs, temporary tables, hence reduced data loading time for data models and various dashboards

Jan 2021 - July 2021

Data Engineer, Xen Farms
- Decreased churn by 16 % by feature engineering and predicting churn rate using SQL, Python
- Enhanced data accuracy by 14 % and provided insights for business decision-making through data governance checks and analysis
- Developed data solutions in collaboration with stakeholders from various backgrounds to align data needs with business goals
- Coordinated with product development team to perform A/B testing which increased conversion of leads by 12 %
- Created market research surveys to segment target customers and presented reports in Excel

Jan 2020 - Jun 2020

Business Operations Analyst Co-op, Wayfair
- Worked in operations team to improve key KPIs and solve their Data needs
- Projects: Dummy demand calculation—Optimize KPI dashboard extraction—Tools:Tableau, Power BI, SQL
- Improved revenue growth by 10 % by implementing strategies to identify target suppliers and improving item availability
- Decreased extraction time for monthly KPI dashboard by 75 %
- Optimized sales by 16 % by building back end SQL scripts & processing OLAP cubes to analyze dummy demand
- Designed and maintained 4+ dashboards for top performing stakeholders for warehouse coverage analysis

Fall 2019 & Fall 2021

Teaching Assistant - Operations Research, Northeastern University
- Mentored 200+ graduate students understanding the concepts of linear programming and optimization modeling for effective decision making using necessary software
- Guided students in project planning and helped them define the problem statement

April 2017 - July 2018

Manager Technical, Parama Consultancy
- Analysed financial data for two projects totalling $28 million resulting in suitable selection of industrial equipment
- Acted as liaison between several departments to facilitate valid financial decisions
- Examined the financial feasibility of components and presented their findings through reports & visualization

April 2014 - Dec 2016	**Engineer,** Petrofac International

- ○ Evaluated winning bid data for 2 projects worth $4 Billion to determine necessary cost, schedule and communicated the findings through key metrics
- ○ Collaborated with IT team to gather and translate client requirements, along with analysing their impact
- ○ Created, maintained and updated Piping Database on MSSQL and designed interactive dashboards in Excel and Tableau
- ○ Used Talend for ETL of SAP data and maintain in databases

RESEARCH

Communicate bike-sharing analysis -Prepared & cleaned the raw data, created charts and slides to assess trip duration, seasonal effect, bike ride distribution as per gender, age, trip duration

Music Streaming Data-Lake -Built and transformed data from AWS S3 with Spark to parse them in partitioned parquet files, created an EMR Hadoop Cluster, fast-tracking the data lake build-out using (serverless) AWS Lambda and cataloging tables with AWS Glue Crawler

Predicting Sentiment of Tweets- Wrangled and pre-processed Tweets for feature engineering. Selected Naïve Bayes Classifier & Laplace Transformation to identify hate/non-hate messages with accuracy of 92%

Analyzed Student Performance using Regression (Statistical Modelling)- Applied exploratory data analysis, model assumptions checking for ANOVA Test, Tukey's Test, Logistic Regression and derived valuable insights