Kaushik Songarwala

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EDUCATION

Stevens Institute of Technology   **Hoboken, NJ**
Master of Science, Information Systems   *August 2021 - May 2023*
- **Coursework**: Data Management, Financial decision making, Marketing Analytics, Web Mining, Project management, Business Intelligence & Data Integration, Data Analytics & Machine learning

University of Mumbai   **Mumbai, India**
Bachelor of Engineering, Computer Engineering   *August 2016 – June 2019*

SKILLS

SQL, Python, PLSQL, R, MySQL, Data Analysis, Data Pipelines, Oracle 12c/11g, PostgreSQL, Critical and Analytical thinking, GAP analysis, SWOT analysis, Problem-solving, decision-making, communication, Google analytics, SDLC, Agile/Scrum, RStudio, Jupyter, Erwin Data Modeler, Tableau, MS Word, Excel, PowerPoint, Sheets, Machine Learning**,** Pandas, NumPy, SciPy, Matplotlib, Data modeling, data cleaning, Plotly, Sklearn, Seaborn, Business Intelligence & Analysis, Google Data Analytics professional by Coursera

WORK EXPERIENCE

Simple Logic IT Pvt Ltd   **India**
PLSQL Data Engineer- Ambit Pvt ltd   *April 2021 – July 2021*
- Developed and executed effective PLSQL coding strategies to optimize database performance, resulting in a 30% reduction in application response times
- Collaborated with cross-functional teams to design and implement innovative database solutions which increased data accessibility by 40%, contributing to a more efficient workflow
- Executed necessary Stored Procedures and built Complex Views using Joins for fast retrieval of data in MySQL Server improving database performance gradually
- Implemented advanced database monitoring and performance tuning techniques, resulting in a 50% reduction in query execution time and improved system response time for end users
- Updated SQL scripts for efficient database management, including table creation, sequence generation, trigger implementation, view creation with 98% accuracy, ensuring seamless data integration

AwayWeGoo   **India**
Business Analyst   *April 2020 – April 2021*
- Implemented process improvements based on monthly status reports, resulting in an increase in user satisfaction by 20% and a 10% increase in the number of users
- Analyzed project requirements and developed detailed project plans, resulting in 100% on-time delivery of all deliverables using Agile Methodology
- Collaborated with 4 team members and management to identify business needs, playing a key role resulting in a 25% increase in customer satisfaction
- Utilized advanced MS Excel functions to analyze and interpret large datasets, resulting in the identification of key trends and insights that improved project performance by 15%

PROJECTS

HR Analytics Dashboard
- Streamlined reporting processes by designing and integrating Tableau dashboards into daily operations, reducing report generation time by 75%
- Developed dashboards utilizing Human Resources Excel data, resulting in a 40% increase in efficiency

Uber Trip Analysis in New York city
- Utilized Seaborn and Pandas to perform data analysis on a dataset of over 4.5 million Uber pickups
- Created visually appealing Violin charts and scatter plots using Plotly, Matplotlib to effectively display the analyzed data, leading to improved findings in project

IPL 2022 season Analysis
- Conducted data cleaning on complex datasets using Pandas/NumPy, ensuring data quality, consistency, integrity throughout the analysis, resulting in a 30% reduction in data errors
- Created interactive visualizations and worksheets in Tableau, employing action filters, parameters, and calculated fields, enabling 50% faster informed decision-making process.