Kartik Tyagi

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EDUCATION

The University of Texas at Dallas   *August 2021 - May 2023*
Master of Science, Business Analytics
Dr. A.P.J. Abdul Kalam Technical University, India   *August 2016- October 2020*
Bachelor of Technology, Electronics, and Communication

SKILLS & CERTIFICATIONS

Certifications: Data Scientist Toolbox (Coursera), Intermediate R (Data camp), Essential Tableau Training, SQL Fundamentals, Python Fundamentals (Data Camp), RPA Developer Foundation (Ui Path)

Programming: Python (pandas, NumPy, Matplotlib, Sci-kit, Seaborn), R, SQL

Tools: Power BI, Tableau, R Studio, Microsoft Excel, MS Visio, MySQL, Git, Hadoop, Alteryx, MongoDB, Workday Studio

Analytical Skills: Data exploratory analysis, Data Visualization, Data Extraction, ETL-Data Warehousing, V-lookup, Pivot
Relevant Coursework: Business Analytics (BA) with R, Big Data Analytics, Database foundations for BA, Robotic Process Automation, Advanced Statistics for Data Science, Prescriptive Analytics, Predictive Analytics, Supply Chain Strategy

PROFESSIONAL EXPERIENCE

Caliber Collision, Lewisville, Texas, United States   June 2022 – Present
Business Analyst Intern
- Analyzed, documented, and formulated changes to 6 major business process requirements
- Created and automated the data transfer and data integration process for employee certification change reports, reaching 80% automation.
- Collaborated with stakeholders to understand business objectives and develop the Business requirement document and process flows to achieve organizational goals.
- Automated the management alert system, prompting them for responses and storing them in ERP systems.

SODIO Technologies Private Limited, Bangalore, India   February 2021 – July 2021
Business Analyst Intern
- Identifying, defining, and managing project requirements, as well as documenting project objectives and success criteria
- Prioritized and translated product needs into user stories and administered backlog refinements over sprint meetings
- Collaborated with cross-functional teams to negotiate and communicate about products from process requirements, project plans, and schedules to launch, increasing process adherence by 10 % by implementing process checklists

BYJU's Think and Learn Private Limited, Bangalore, India   December 2020 - February 2021
Business Development Trainee (Intern)
- Addressed 10 client issues, concerns, and high-priority escalations within 2 months, ensuring 100 % customer satisfaction
- Collaborated and planned with stakeholders for implementing 2 change requests in an education tech product, expecting growth of 5% in regional sales

KEY PROJECTS

Domain: Data Manipulation| Hotel Database-The Monroe's Hotel Chain Database | Tech Stack: MySQL, Oracle
- *Objective*: Develop a hotel bookings data search function, load, and create DB Tables, and run DDL and DML queries
- *Solution*: Built SQL queries to normalize and populate data into a database and normalized table
- *Key Achievement*: Formulated efficient data extraction queries by performing operations like Triggers, Joints, Views, and Stored Procedures on the dataset and materialized them using MySQL to enhance data extraction quality

Domain: Exploratory analysis |Popularity of Artists on Spotify |Tech Stack: Python, MySQL, Tableau
- *Objective*: To study the Popularity of artists on Spotify to help music production companies invest in the right ones to get maximum profit
- *Solution*: Conducted exploratory analysis on the dataset using Python
- *Key Achievement*: Migrated data from CSV to RDBMS in MySQL Server and connected it to Tableau API to generate meaningful dashboards to help save time in decision-making

ORGANIZATIONS, COMPETITIONS, AND LEADERSHIP EXPERIENCE
- Member, Consulting Leadership and Development Society – UTD
- Secretary, Vridhi Welfare Society – NGO, India