Amruth Raj Devaraj

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Education

University of Liverpool   **Sep 2022 – Present**
Master of Science in Business Analytics and Big Data   *Liverpool, United Kingdom*

University of Mysore   **Jun 2018 – Sep 2021**
Bachelor of Business Administration, Marketing   *Mysore, India*

Relevant Coursework

- Big Data Analytics
- Management information systems
- Big Data Management
- Data Mining
- Machine Learning
- Project Management
- Quantitative Techniques
- Database Management
- Digital strategy
- Statistics for Business
- Financial Accounting

Experience

ATMECS Global Inc   **Jul 2023 – Oct 2023**
Business and data analyst intern   *Remote*

- Developed Azure Data Factory pipelines to ingest data from web APIs into Azure databases using Web Source activity and created linked services and parameters to schedule data retrieval on specified intervals.
- Incorporated Data Flow activities in pipeline to join data from multiple tables, filter rows, and select columns and used Lookup activity to retrieve configuration values as parameters before loading it to Blob storage and created linked services and triggers for regularly scheduled migration of data from Azure Blob storage to SQL server using Copy activity.
- Utilized BI tool like Microsoft PowerBI to analyse data, spot key trends, and create dashboards and presented it on multiple platforms to improve interpersonal skills. Knowledge of basic Agile Methodology.

Shree Ashirvad Solar Systems Pvt Ltd   **Sep 2021 – Sep 2022**
Junior Business Analyst   *Bengaluru, India*

- Identified ways to improve data collection processes to access higher quality data and conducted data cleaning and data manipulation of large datasets to ensure consistency and accuracy.
- Analyzed manufacturing and operational data to identify areas for improvement in efficiency and performance.
- Developed dashboards and reports and summarized findings and recommendations regularly to cross-functional leadership groups and illuminated key trends and performance issues leading to targeted process improvements.

Projects

Hypothesis Testing | *IBM SPSS, Microsoft Excel*   **May 2023**

- Successfully conducted an in-depth analysis aimed at quantifying the impact of a significant event on companies.
- Equipped with a strong foundation in hypothesis testing, evaluating significance levels, and deciphering p-values.

Data Visualization and Regression model | *Tableau, Jupyter Notebook, RapidMiner*   **Apr 2023**

- Analyzed data to gain insights into player performance and identify trends and patterns in the data.
- Utilized Python for data cleaning and analysis and Jupyter Notebook for code organization and presentation, Created interactive visualizations by using Matplotlib, Seaborn, and Plotly.
- Developed a Regression model using RapidMiner for predictive insights and contributed findings as academic report.

Cluster analysis | *Tableau, Python, Machine Learning*   **Dec 2022**

- Collected and pre-processed data to prepare it for analysis by cleaning, handling missing data and detecting outliers.
- Implemented K-means algorithm, for conducting cluster analysis and evaluated the results using metrics such as silhouette score and gathered insights by identifying patterns and similarities.

Technical Skills

Languages: Python, SQL, R
Tools: Google Analytics, SPSS, Tableau, PowerBI, Jupyter Notebook, Hadoop, Microsoft Office(Excel, Word, Powerpoint)
Technical skills: Machine Learning, Statistical Analysis, Data Analysis, Data Mining, Data Exploration and Visualization

Interpersonal Skills

Effective communicator, Attention to detail, Critical thinking, Project implementation, Team player, Stakeholder engagement, Attention to detail, Organizational skills, Meeting deadlines and Cross-functional collaboration, Requirement gathering.