

AMRUTH RAJ DEVARAJ

Liverpool, United Kingdom

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Education

University of Liverpool

Master of Science in Business Analytics and Big Data

Sep 2022 – Sep 2023

Liverpool, United Kingdom

University of Mysore

Bachelor of Business Administration, Marketing

Jun 2018 – Sep 2021

Mysore, India

Relevant Coursework

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

Experience

ATMECS Global Inc

Business and data analyst intern

Jul 2023 – Oct 2023

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

Junior Business Analyst

Sep 2021 – Sep 2022

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.