Thomas Jerry Arackal

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ABOUT ME

As a computer science graduate specialized in data analytics, I have extensive technical knowledge in data cleaning, visualization, and statistical analysis using programming languages such as Python and R and data analysis tools such as Excel, SQL, Power BI and Tableau.

EDUCATION

B.Tech in Computer Science
Amal Jyothi College of Engineering
2018 Aug - 2022 Jul

Bio Maths - XII Std
Vimala Public School
2016 Jun - 2018 Mar

LINKS

- thomasjerryarackal
- thomas-jerry-arackal
- thomasjerryarackal.github.io

SKILLS

Programming
HTML/CSS • SQL • Python • R
Tools
MySQL • LaTeX • Tableau • Microsoft Office • Power BI • RStudio • Jupiter Notebook • SQL Server Studio

HONORS & AWARDS

REBOOT KERALA HACKATHON
Feb 2020 - Feb 2020 - First Runner Up in all Kerala level hackathon

REBOOT KERALA HACKATHON
Dec 2020 - Dec 2020 - Special Jury Mention in all Kerala level hackathon

SMART INDIA HACKATHON
Jan 2020 - Jan 2020 - Participation Certificate in District level hackathon

TOYCATHON
Jun 2021 - Jun 2021 - Actively participated in all India level hackathon

University Inter Collegiate Tournament
Sept 2019 - Sept 2019 - The second place of the table tennis team in the inter-university competition

MICROSOFT IMAGINE CUP
Feb 2021 - Feb 2021 - Participation Certificate in all India level hackathon

EXPERIENCE

KPMG - Virtual Data Analytics Intern   03/2023 - 04/2023
- Normalized the datasets in .csv file format. Analysed the data set using MS Excel. Presented the results using MS PowerPoint.
- Formalized Data Quality Assessment, Data Insights, and Data Presentation.

The Sparks Foundation - Data Science and Analytical Intern   04/2023 – 05/2023
- Created Exploratory Data Analysis on Retail business datasets and Global Terrorism dataset.
- Built models using Python (Jupiter Notebook) for predictions in supervised and unsupervised ML on student dataset and iris dataset given in .csv files.

XENA INTELLIGENCE - Data Analytical Intern   05/2023 – 06/2023
- Worked with the analytics team to improve advertisement performance on client products in e-commerce websites(Amazon).
- Created Dashboards in Power BI and analyzed data from the websites for ad performance on a monthly basis.

PROJECTS

BELLABEAT : CASE STUDY   Jan 2023 - Feb 2023
Studied usage characteristics on smart devices(smart-watch). Came up with a normalized usage matrix. Compared usages and suggested improved usage features. Work is based on Kaggle dataset. Cleaned, Sorted, and Normalized dataset using R-Studio. Used Tableau dashboard to share insights.

COVID DEATH : Data Science and Analytics Community (Local Rotary club)   Feb 2023 – Feb 2023
Conducted data analytics on the COVID-19 dataset provided by local authorities. Used SQL functions to clean data sets. Provided Tableau dashboard to share insights for authorized medical professionals.

SELF INITIATIVES

SQL PROJECT-NASHVILLE HOUSING DATA   Mar 2023 – Mar 2023
Reverified Alex Analyst YouTube content and suggested some improvements to the content creator on efficient way of Data activity using MySQL functions

MOVIE CORRELATION   Mar 2023 – Apr 2023
Kaggel community projects: Performing cleanup, normalization, and analytics on the Movies dataset using Python Jupiter Notebook to determine how the data-set's data correlate. The Analysis is documented in Kaggel

WORLD GDP 2023   Jun 2023 – Jun 2023
Data Visualization community in LinkedIn :Dataset from the International Monetary Fund was obtained through .csv file from the website, stored in a MySQL Server database, and then processed to obtain 2023 data. This data was then visualised in a Power BI visualisation project to show how the world's GDP looks per country.

CERTIFICATION

Google Data Analytics Professional Certificate
2023 Feb
Data Science and Analytics Specialization Course in Coursera

INTRODUCTION TO RELATIONAL DATABASE AND SQL
2020 Sep
An online course authorized by Coursera Project Network and offered through Coursera.

DESIGNING GREAT DASHBOARDS
2021 Sep
Course for creating dashboard in Looker Training.