Siva Sankar Balakrishnan

Entry level Data Analyst

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TECHNICAL SKILLS

SQL (MS SQL Server) | MS Excel (Conditional Formatting, Pivot Tables, VLookup) | Microsoft Power BI | Tableau | Python (Pandas, Numpy)
Microsoft PowerPoint | Dashboards | Data - Cleaning, Analysis, Visualization

SOFT SKILLS

Highly Dedicated | Team Work | Research Oriented | Communication

PROJECTS

US SALES DATA ANALYSIS USING POWER BI

- Prepared and analyzed sales data within the Power BI environment. Calculated Total Revenue and Orders, Average Sales per customer and other aspects using the data.
- Developed a comprehensive **dashboard** for **Data Visualization**, covering key aspects including Top revenue places, orders, revenue trends and other relevant metrics (View)

NETFLIX VIEWERSHIP ANALYSIS USING MS EXCEL

- **Cleaned** and prepared data for analyzing viewers engagement of Netflix for period of Jan-June 2023 using MS Excel considering factors like Hours viewed, Rating, Release Date and so on.
- Created **Pivot tables** and Interactive Dashboards for insightful visualization (View)

DATA PROFESSIONAL SURVEY ANALYSIS USING POWER BI

- Cleaned and prepared data within the Power BI environment
- Developed a comprehensive **dashboard** for **Data Visualization**, covering key aspects including their Salary distribution, Preferred programming languages, Difficulty levels, Job satisfaction, Additional relevant metrics (View)

TABLEAU DASHBOARD: AIRBNB HOME LISTINGS ANALYSIS

- Analyzed Airbnb's 2016 Home Listings dataset using Tableau for comprehensive insights
- Created an **interactive dashboard** highlighting key metrics, including Average Price per bedroom, Yearly Revenue and Distinct Count of Bedroom (view)

COVID-19 DATA EXPLORATION WITH SQL

- Conducted Exploratory Data Analysis on global COVID-19 dataset and explored correlation between COVID cases and vaccination rates
- Leveraged SQL tools such as **CTEs, Temp Tables, Joins, Aggregate Functions, create view** and more (View)

AUTOMATED CRYPTO API DATA PULL USING PYTHON

- Built a Python script to automate crypto market data retrieval from CoinMarketCap API
- Data refreshed and appended every minute, ensuring accurate and up-to-date market analysis
- Utilized Python libraries like **Pandas, NumPy, Seaborn** for efficient data processing and cleaned up the data for visualization (View)

PORTFOLIO: https://shivatwentyeight.github.io/Portfolio.github.io/

INTERNSHIP

Data Analyst Intern - Afame Technologies | **Data Analytics Trainee** - MedTourEasy

COURSES AND CERTIFICATIONS

- **GOOGLE** - DATA ANALYTICS PROFESSIONAL CERTIFICATE - COURSERA
- **TATA** - DATA VISUALIZATION : EMPOWERING BUSINESS WITH EFFECTIVE INSIGHTS - FORAGE
  Leveraged: Excel, Power BI
- **ACCENTURE** - DATA ANALYTICS AND VISUALIZATION JOB SIMULATION - FORAGE
  Leveraged: Excel, PowerPoint

EDUCATION

M.Sc. in Physics | **B.Sc. in Physics**
SASTRA University - Thanjavur, TN   St. Joseph's College - Trichy, TN
Aug 2019 - Sept 2021   June 2016 - April 2019