SELINA BALAKUMAR

DATA ANALYST

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**PROFESSIONAL SUMMARY**

An entry level data analyst with Google Data Analytics certification and two years of experience

working as an assistant professor teaching Computer Science to college students.

**PROJECTS**

**HOUSING DATA ANALYSIS**

I profiled and cleaned the housing data using sql queries to remove duplication. The null values were identified and populated with the matching values using sql. Finally, an analysis to determine the average house price for a 2- and 3-bedroom house was done using sql and windows function.

**SALES DATA ANALYSIS**

The sales data of the Revenue of a company was first profiled and cleaned. Anew table was created with data populated using Lookup. The data validation was performed with drop down list of items. The top Salesperson who brought in the highest revenue was identified. Various other parameters like sum of Revenue in each category was also identified. An interactive visual representation of all the findings was presented with slicers for easy decision making.

**TABLEAU VISUALIZATION**

As a part of the Google data Analytics a Tableau visualization of the happiness score of the people in the world was represented visually. The visualization compares data about the economic status and the happiness score. It also visualizes an interactive representation about the different countries in the world and their happiness ratio.

**EXPERIENCE**

**ASSISTANT PROFESSOR**

*Jun 2005 - Apr 2007 | Bishop Appasamy College, India*

* I was responsible for teaching the students programming languages like C and C++.
* Preparing, analyzing, and presenting student grade details in excel and PowerPoint for the HOD (Head of Department) of the Computer Science Department.

**CERTIFICATIONS**

**GOOGLE DATA ANALYTICS CERTIFICATION**

[*https://coursera.org/share/30041b38ee83a7e2c6bdee65834d72fc*](https://coursera.org/share/30041b38ee83a7e2c6bdee65834d72fc )

* I gained immersive understanding of the practices and processes used by a junior or associate data analyst in their day-to-day job.
* Learnt key analytical skills (data cleaning, analysis, & visualization) and tools (spreadsheets, SQL, R programming, Tableau)
* Understood how to clean and organize data for analysis, and complete analysis and calculations using spreadsheets, SQL and R programming
* Learnt to visualize and present data findings in dashboards using Tableau Software.

**SKILLS**

**Technical Skills:**

**Excel:**

* Pivot Tables, VLOOKUP, XLOOKUP, Conditional Formatting, Charts and Dashboards
* Basic understanding of Macros and PowerQuery.

**SQL:**

* Profile, Clean and remove duplicates in data.
* Populate values using VLOOKUP and XLOOKUP functions
* Analyze data using Joins, Window Functions and Cases

**Tableau**

* Import data from different data sources
* Clean and Profile data
* Visualize data and create interactive dashboards from data analysis results

**Other skills:**

* Good in Data Storytelling and chart optimization
* Oversee and conduct the conversion of data into insights that will lead to informed business decisions.
* Ability to convert business requirements into meaningful and explanatory visualizations
* Good communication and interpersonal skills. Ability to interact with diverse technical and non-technical groups, spanning organizational levels.

**EDUCATION**

**BACHELOR OF COMPUTER SCIENCE AND ENGINEERING**

Anna University, Chennai, India