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| Asha Latha Kalluri  [ashapavan.rangepalli@gmail.com](mailto:ashapavan.rangepalli@gmail.com)  98804874  Singapore Permanent Resident |

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| **Objective** | Hardworking and passionate to start career, seeking employment. Bringing forth a motivated attitude and a variety of powerful skills. Adept in various social media platforms and office technology programs. Committed to utilizing my skills to further the mission of a company |
| Experience | Beginner |
| Education | **Associate Data Analyst, NTUC learning Hub**  **Singapore, Mar 2021 – Aug 2021**  1.Certificate of Learn SQL Course  2.Certificate of Statistics for Data Science and Business Analysis  3.Basics of Data Science  4.Analyze data with SQL  5.Statistics for Data Science ad Business Analysis  6.Analyzing and Visualizing data with Power BI  7.Python3 Programming  8.Creating Interactive Dashboards using Python  **Master of statistics, Sri Krishnadevaraya University**  **Anantapur, Jun 2001-Apr 2003** |
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| SKILLS |  |
|  | Microsoft Excel Beginner  Microsoft SQL Beginner  Microsoft Power BI Beginner  Python 3 Beginner |

**INTERNSHIPS Capstone Project, NTUC Learning Hub**

Have done capstone projects for Excel, Power BI and SQL, Machine Learning through python.

**Capstone Project-1: Covid 19 Dashboard using Excel**

**Period:** 15-Mar-2021 to 22-Mar-2021

**Software:** Microsoft Excel

The 2019/2020 coronavirus pandemic is an ongoing global pandemic of coronavirus disease 2019 (COVID-19) caused by the severe acute respiratory syndrome. The virus first emerged in Wuhan, China, in December 2019. On 11 March 2020, the World Health Organization declared the outbreak of a pandemic.

Used advanced features of excel like Pivot table, Graph/Diagram generation, Slicer to represent the various statistical analysis of cases, impact etc for better understanding and further study on the impact.

**Capstone Project-2: World Health Statistics using Sql**

**Period:** 20-Apr-2021 to 03-May-2021

**Software:** SQL using SQL Server

Health statistics include both empirical data and estimates related to health, such as mortality, morbidity, risk factors, health service coverage, and health systems. The production and dissemination of health statistics is a core WHO activity mandated to WHO by its Member States in its Constitution.

Tables are created using the excel data. Using sql queries, data has been cleaned by removing empty values, duplicate values, invalid data. Since the data is at Country level, created Country table to avoid redundancy and created relationship with other tables. Generated ER Diagram to represent the relationship and primary/composite keys

Reports are generated using power query feature in Excel.

**Capstone Project-3: Schools Directory using Power BI**

**Period:** 04-Jun-2021 to 24-Jun-2021

**Software:** Microsoft Power BI

Ministry of Education (MOE), Singapore, maintains the information of schools and the different programs offered by individual school. Information has been maintained in detail by Zone, Region, Subjects, CCA etc.

Main purpose of this project is to help parents to identify suitable school at different level from Primary to Junior College. Tables are created using the excel data. Using sql queries, data has been cleaned by removing empty values, duplicate values, invalid data. Created relationships between tables keeping school id as primary key. Reports has been generated using PowerBi, which has taken data using sql. Used advanced features like Bookmarks, Drill through using different graphs like Tree Map, Donut charts, Tables etc.

**Capstone Project-4: Walmart Sore Sales Forecast using Python and Machine Learning**

**Period:** 10-Aug-2021 to 16-Aug-2021

**Software:** Python

The project is about Store Sales Forecasting for Walmart, using historical markdown data to predict store sales. Target audience are job seekers who can show case their models and work for Walmart Hiring Team. Helps to predict the impact on sales due to holiday markdown events and the effect on stores and departments. This prediction will help to analyze the impact on weekly sales. Job seekers analyze the huge sales data and present their analysis to organizers for improving the sales during selected holiday markdown events.

Python is used for loading the data from excel, merging and filtering. Filled with zero for missing values in markdown. Data has been tested and trained. Converted all categorical values into numerical values. For Training and testing new columns has been created to identify the dates falling on extra holiday in the sales. And finally merged all those columns into Is holiday. Finally dropped the extra holiday columns.

Machine learning models like Linear Regression, Decision tree and Random forest used to predict the impact on sales due to holiday markdown events and the effect on stores and departments. Finally, Random forest has scored less score and proved as a best fit for this store sales forecasting.