



## ROOPA CALISTUS

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## DATA SCIENTIST

*Analytically minded self-starter with experience in collaborating with cross functional teams and ensuring the accuracy and integrity around data and actionable insights.*

*Hands on experience in Data Analysis, Statistical Analysis & Machine Learning using Python. Proven ability to work well in teams and handle competing priorities within tight deadlines.*

### OBJECTIVE

Looking for a suitable position with an exciting and ambitious company that offers genuine room for progression.

### GENERAL SKILLS

Data Visualization  
Machine Learning  
Statistical Analysis  
Data Analytics  
Data Preparation  
Data Management  
Descriptive Analytics  
Predictive Analytics  
Problem Solving

### PROFILE SUMMARY

- ❖ Strong analytical background with attention to detail.
- ❖ Well-organized and responsible with an aptitude in problem-solving
- ❖ Excellent communication in a professional and friendly manner
- ❖ Highly organized approach, plenty of initiative and a genuine desire to contribute to the ongoing success of the organization
- ❖ Strong organizational skills with the ability to work on multiple tasks
- ❖ Outstanding interpersonal skills
- ❖ Ability to work to meet deadlines

## TECHNICAL SKILLS

- 🔧 **Languages** - Python, SQL, C, C++, Java
- 🔧 **Databases** - MySQL, Apache, Microsoft SQL Server
- 🔧 **Tools** - Spyder (Anaconda), Visual Studio Code, Jupyter Notebook, Power BI, MS Office
- 🔧 **Operating Systems** - Windows, Linux
- 🔧 Knowledge of Machine learning algorithms such as **Linear regression, Logistic Regression, Naïve Bayes, Decision Trees, Random Forest**

## WORK EXPERIENCE

### THE SPARKS FOUNDATION, DUBAI

#### Data Science & Business Analytics



- Extracted data from huge datasets from various sources to find meaning patterns.
- Performed Exploratory Data Analysis and Statistical Analysis on like COVID-19 dataset, IPL dataset, Supermarket store data.
- Built analytical models for predictive analytics.
- Designed data models using Supervised and Unsupervised Machine Learning approaches : Linear Regression, Logistic Regression, Decision Tree.
- Coordinated with different domains for data analysis.
- Received golden badge of appreciation for being good team player, hard work and all contributions to Sparks Foundation

## **PROJECTS UNDERTAKEN**

### **COVID Data Exploration (Using SQL)**

- Extracted data from website Our World in Data and analyzed the COVID-19 dataset for number of deaths and infected people in different continents as well as countries.
- Calculated the percentage of population that got infected in each country.
- Explored the data of countries with highest infection rate compared to population and the countries with the highest death count per population.
- Compared the total cases vs. total deaths to predict the likelihood of dying if a person contracts COVID in a country.
- Predicted the chances of getting infected in a country.
- Calculated what percentage of the population got vaccinated in each country.

**Technologies:** SQL

### **Exploratory Data Analysis - Retail ( Supermarket)**

- Explored the different attributes of the data to obtain conclusions about the business trends of a supermarket with multiple stores in different parts of the United States.
- Visualized all the business problems within different regions.
- Analyzed the sales of different categories and sub categories to find the category with the highest sales.
- Visualized the data in the form of various graphical plots to obtain conclusions about regions that generate highest profit and sales compared to the others.
- Analyzed the weak areas that need to be worked on to make more profit.

**Technologies:** Python

**Packages used:** Pandas, Numpy, Matplotlib, Seaborn, Sklearn

## **FEDERAL BANK, INDIA**

**June 2015 - Feb 2016**

**Associate**



- Hands on experience working with various operations teams
- Experience in handling of cash cheques in Foreign Exchange department
- Provided customer support in the Central Processing Centre for processing bank account opening forms
- Provided customer support in the FedNet (internet banking) department

## **EDUCATION**

- ✚ KHDA Certified course on Data Science with Python from Edoxi Training Institute, 2022
- ✚ B.Tech (Computer Science Engineering) from Federal Institute of Science and Technology, Angamaly, MG University in 2010-2014 (67% - First Class)
- ✚ XII from St. Paul's International School, CBSE in 2010 (75% - First Class)
- ✚ X from St. Theresa's School, ICSE in 2008 (84% - Distinction)

## **PERSONAL DETAILS**

- ✚ Age : 30
- ✚ D.O.B : 25<sup>th</sup> July 1992
- ✚ Relationship Status : Married
- ✚ Nationality : Indian
- ✚ Location : Dubai, UAE
- ✚ Languages Known : English, Hindi, and Malayalam.
- ✚ Visa Status : Husband Visa