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Bharat Sharma

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Experience

The Sparks Foundation (Remote)   **Jan 2021-Jan 2021**

Business Analytics-Intern (1 Month)

- Responsible for Data Quality assessment & Data Insights, presenting useful data insight using BI tools and deriving business conclusions.

Independent Freelance   **Sep 2019 – Oct 2020**

(1 Year & 2 Months)

- Worked as *MIS Analyst* with *Jagdamba Tools Corporation*, *Delhi.*
- Responsible for Inventory/Sales Reporting and Analytics, finding out anomalies using MS-Excel, and Tableau and helping the business and manufacturer to improve the quality of the product.

Training & Certifications

Analytix Labs, Gurugram   **Aug 2020 – Present**

Data Science Trainee

- Ongoing training on **Data Science specialization using R & Python.**
- Successfully completed training on **Data Analytics & Visualization** and had good hand on experience on tools like **Excel, SQL, Tableau, R** and **Python**.

Certifications:

- Successfully completed **Data Analytics Virtual Consulting Internship** at **KPMG.**
- Successfully completed **Data Visualization with Python** by **IBM.**

Projects

Laptops Sales Prediction (Data Visualization)

Description: Objective of this project is to define the product strategy and pricing policies that will maximize company projected revenues.

Analytics Tools: *Tableau*   **Analytics Technique**: Data Exploratory Analysis & Visualization

Global Terrorism (Data Visualization)

Description: The objective of this project is to find out the security issues of countries and highlighting the efforts of few countries to tackle terrorism within their boundaries.

Analytics Tools: *Tableau*   **Analytics Technique**: Data Exploratory Analysis & Visualization

Sports Equipment Analysis (Data Visualization)

Description: Objective of this project is to analyse company's performance to take important strategic decisions for next fiscal year.

Analytics Tools: *Tableau*   **Analytics Technique**: Data Exploratory Analysis & Visualization

Retail Store Analysis (Exploratory Analytics)

Description: Objective of this project is to understand customer behaviour using store's point of sale data (POS). (3 Datasets)

Analytics Tools: *SQL*   **Analytics Technique:** Data Exploratory Analysis

Cell-phone Analysis (Exploratory Analytics)

Description: Objective of this project is to understand the performance of different cell-phone models and their manufacturer. (6 Datasets)

Analytics Tools: *SQL*   **Analytics Technique:** Data Exploratory Analysis

Banking peer group lending (Identifying the key drivers of interest rates)

Description: To predict interest rates based on borrowers and loan attributes and identify key drivers of interest rates and create an application to predict interest rate based on given customer and loan attributes.

Analytics Tools: Excel, R & Python.   **Analytics Technique:** Linear Regression

Banking credit risk analytics

Description: To determine whether the applicant is credit worthy or not to attract quality credit applicants to maintain an overall profitable portfolio.

Analytics Tools: Excel, R & Python   **Analytics Technique:** Classification (Logistic Regression)

HR Analytics (Exploratory & Predictive Analytics)

Description: To build retention model and this allows organizations to Identify high-risk employees who are going to attrite, build profiles of those most likely to leave or stay and understand how risk is distributed throughout the organization.

Analytics Tools: Excel, R & Python   **Analytics Technique:** Classification (Logistic Regression)

RFM (Recency, Frequency, Monitory) – Value Based Segmentation

Description: To divide the customers into segments based on recency, frequency and monetary from transaction data and understand key value segments.

Analytics Tools: Excel, R & Python   **Analytics Technique:** Segmentation (RFM – Value Based)

Indian Premier League (Exploratory Data Analysis)

Description: Objective of this project is to determine the most successful teams and players. Also to identify the factors contributing win or loss of a team.

Analytics Tools: Power BI   **Analytics Technique**: Data Exploratory Analysis & Visualization

MINOR PROJECT: Predicting house price (Identifying key drivers of house prices)

Description: To identify key drivers of the house price and predict the house price based on drivers.

Analytics Tools: Excel, R & Python   **Analytics Technique:** Machine Learning (Decision Tree)

Technical Skills

Analytics Tools: R, Python, SQL, Excel, Tableau & Power-Bi.

Analytics Techniques: Basic Statistics (Hypothesis testing, Stats methods), Linear Regression, Logistic Regression, Cluster Analysis, Decision Trees and Time Series Analysis.

Applications: Data Analysis, Reports and Dashboards, Data Preparation & Predictive modelling.

Education

B.Sc (Physics) from Delhi University, Delhi with distinction **8.47/10 (CGPA)**	**2017 - 2020**
12th(Science) from Virendra Public School, Delhi with **94.33%** in *PCM.*	**2016 – 2017**
10th from Virendra Public School, Delhi with distinction **8.4/10 (CGPA).**	**2014 – 2015**

Achievements

- Qualified **IIT JAM Physics** 2020 entrance with **AIR-1545**.
- Secured 1st position in 3rd semester with **8.71/10** (CGPA) and always among top 5 during B.Sc.(Pysics).
- Volunteered for stage coordinator and anchor in Physics Society, Cosmos (Dyal Singh College).