Bharat Tippanna Tuppad

Career Objective

A professional desiring the role of a Data Analyst where profound analytical and systematic skills will be applied to aid the company accomplish its goals in line with its vision, mission and corporate values while providing me the opportunity to grow professionally.

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Projects :

Exploratory Data Analysis:

Case-1: Diabetes Data set: *Project Link*
-Imported the data and checked for data irregularity like zero, missing and NaN values and replacing them with suitable values.
-Did 5 point summary and plotted Box plot for checking outliers and Feature Engineering to add extra data based on Domain.
-Used Visualisations to show the variations and represent the Insights derived.

Case-2: Loan Prediction Data set: *Project Link*
-Imported the data and replaced the NaN values with suitable values and Changed the data type for numerical column.
-Showed Variation of Loan Applicants.
-Derived Valuable insights and patterns.

Tableau:

Case-1: Europe region sales data: *Project Link*
-Made custom sheets to show variation of sales and profits across countries.
-Did Root Cause Analysis on Highest Loss making country.
-Dug deeper and found out the reason for the Loss from the available data set.
-Compared with profit making country and suggested corrective measure.

Case-2: Airbnb dataset: *Project Link*
-Made map view to show average prices.
-Displayed variation of sum of prices on Motion Chart.
-Summarised prices on Table Calculations.
-Displayed the region wise trend on No of Beds and prices wrt timeline.
-Did region wise Forecasting on No of Beds and prices for next 1 year

Python:

Construction Company Management System: *Project Link*
-Used Python on Flask and Vs-code for database connectivity and web-page development.
-Implemented CURD operations from front end to local server.
-Manages the 4 key pillars of any construction company viz, Employees, Projects, Raw Materials and Construction Equipments.

Technical Skills :

SQL: on MySQL server @XAMPP Framework.
DDL, DML, DQL, functions, where and group by clause, subquery, joins and views.

Python: @IDLE, @Jupyter, @Vs-code, @googlecolab.
Data types, conditional statements, loops, functions, modules, file operations, exception handling, flask web-page development and database connectivity

Analysis Modules:
Numpy, Pandas, Matplotlib, Seaborn, EDA approach

Statistics:
Types of data, descriptive statistics, removal of outlier data points, inferential statistics, Probability and Probability distribution, hypothesis testing, Central limit theorem

Tableau:
Connecting to and preparing data, join and blend data, single axis and dual axis charts, filtering data, sorting data, building hierarchies, trend, forecasting, Level of Detail, motion chart, making dashboards, dashboard actions.

Core Competencies :

~Quick learner and adaptable.
~Ability to communicate and work effectively with diverse groups of people.
~Be goal driven and aim for excellence at work.
~Taking ownership and responsibility, accepting accountability.
~Communicate project status through reports, presentations and reviews.
~Team approach to meet challenges and deadlines.

Certification :

PG-course in "Data Science"
Itvedant Education Pvt Ltd, Thane
April 2022 - Ongoing

Work Experience :

Associate Design Engineer @ **System Controls Technology Solution Pvt Ltd, Bengaluru** (May 2018 – August 2020)

-Handling the New Projects from concept till delivery (Entire Product Lifecycle).
-Interacting with customers to understand the requirement and offer engineering solutions.
-Leading cross team meeting to understand the issues and reaching a solution to achieve the project objectives.
-Training and mentoring 2 Juniors with the necessary skill set, workforce planning and organisational capability.

Education :

Institute	Grade	Degree & Year
Nitte Meenakshi Institute of Technology, Bengaluru	8.3 CGPA	BE in Mechanical Engineering (2014-2018)