Data Analyst/ Business Analyst

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DEEPIKA KHARE

Education

MASTER OF TECHNOLOGY –R.G.P.V.,BHOPAL   **AUG 2013**
STREAM- INFORMATION TECHNOLOGY

BACHELOR OF TECHNOLOGY –U.P.T.U.,LUCKNOW   **JUNE 2008**
STREAM- INFORMATION TECHNOLOGY

Skills

Python	**SAS**	**Excel**
Libraries: pandas, matplotlib, ggplot2, beutifulsoup2, re, os	Tools: SAS Viya	Tools: Pivot Table, Pivot Chart, VLOOKUP, HLOOKUP, VBA
Power Bi	**SQL**	**Pyspark**
Tools: DAX, API, Power Query	Software: SQLite, MySQL	Data Frames

Projects

DATA ENGINEERING PROJECT-

- Collect traditional batch pumping parameters from a petroleum product pipeline source station
- Transforms the collected data
- Save the transformed data in a ready to load csv format for Analysis.

HOUSE PRICE PREDICTION LINEAR REGRESSION –

- To identify the variables affecting house prices, e.g. area, number of rooms, bathrooms, etc.
- To create a linear model that quantitatively relates house prices with variables such as number of rooms, area, number of bathrooms, etc.
- To know the accuracy of the model, i.e. how well these variables can predict house prices.

CUSTOMER SALES ANALYSIS –

- Utilized **SQL** to extract data from 8 different related tables from customer sales databases using **JOIN** and **VIEW**
- Transformed and filtered data by using aggregating and filtering function to improve reporting process
- Loaded and visualized data with **Python** to identify key business intelligences that can improve sales performance

Work Experience

IDFC FIRST BANK, **MUMBAI**   **NOV2022-JUN2023**
BUSINESS ANALYST

- Worked with multiple different data sources to fetch the data and prepare reports.
- Worked on Understanding of the requirement by different stake holders.
- Automate two DBUs for fully functional without any manual intervention.
- Worked on testing the data on different layers of migration.

DATA SCIENCE WIZARDS, MUMBAI   **OCT 2021 – NOV2022**
DATA ANALYST

REAL ESTATE DATA ANALYSIS - Python, PostgreSQL, PowerBI, REST Api's
- Perform market analysis to efficiently achieve objectives, increasing sales by 10%+ in a Year.
- Manage the planning and development of design and procedures for metrics reports and visualization. Used Python, PostgreSQL and Excel to track and analyze data.
- Developed cross platform command-line scripts using Python, REST API's that scrape real time data from sources and
- Built end to end Data Pipelines to extract real time data from multiple sources and to check with inconsistencies in flow of structured data to Data Bases at a specific scheduled interval.
- Built visuals in Power Bi and generated reports from the data which helped in achieve sales goals and even exceed it.

HARJAI COMPUTERS, MUMBAI   **JAN 2021 – JULY 2021**
QA ENGINEER

INSURANCE BIG DATA RECORD ANALYSIS- SQL, Hive, Sqoop, Zeppelin, Oracle 12c , Linux, Team Size : 20

Description: The primary objective of this project is to analyzing customer insurance data on Oracle and Bigdata (Hive) platform. It will deliver cleaned data and analyzed result on different layers for better output to customers. It also allow us to drive value generation and a 360 degree view of an account member.
Role and Responsibilities:
- Involved in creating Data Lineage.
- Involved in testing of data in Oracle in Hive using SQL quries.
- Involved in analyzing the data in different layers of data.
- Involved in scheduling table on server using crontab for inserting ETL data on table after truncating it.
- Involved in creating Hive tables, and loading and analyzing data using hive queries
- Implemented Partitioning, Dynamic Partitions, Buckets in HIVE. Collaborated with the infrastructure, network, database, application and BI teams to ensure data quality and availability

ARANYA CONSULTANCY, GURGAON   **JAN 2018 – DEC 2020**
SOFTWARE ENGINEER

Role and Responsibilities:
- Experience in scheduling job using window task scheduler.
- Responsible in creating batch data processing pipline.
- Developed Spark scripts by using PySpark shell commands as per the requirement.

UNISOL PVT LTD, GWALIOR   **SEP 2013 – DEC 2017**
PYTHON DEVELOPER

Role and Responsibilities-
- Involved in creating python application for different banking sections.
- Used MySQL as backend to save the data.
- Used different security level checks to create an account and Use Net banking applications for secure banking and transactions.