

Harsohrab Singh

DATA ANALYSIS AND BUSINESS INTELLIGENCE EXPERT

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PROFESSIONAL EXPERIENCE

Senior System Engineer Infosys Ltd.

01/2019 - 11/2021

Pune, India

First Data (Vision Plus)

Responsibilities

- Created several Excel templates to capture various metrics before mapping data on DB2 database.
- Fetched data from several sources including: DB2, flat files, VSAM; extracted, transformed and loaded into various HDFS systems via Confidential scripts.
- Interfaced with key stakeholders and applied technical proficiency across different stages of the Software Development Life Cycle including Requirements Elicitation, Application Architecture definition and Design.
- Performed analysis to convert eBills from a legacy mainframe system to MySQL eBills.

CERTIFICATIONS

Google Data Analytics Professional Certificate Course

Stanford Fundamentals of Python Course

Udemy MySQL for Data Analytics and Business Intelligence

TECHNICAL SKILLS

MySQL

Tableau

Data Analytics

Excel

Python - Numpy, Pandas

Data Cleaning

Data Visualization

Statistics

Web-Scrapping

PERSONAL PROJECTS

Google Data Analytics Capstone Project - Cyclistic Bike Share Analysis

Tools :

- Analyzed rider's usage patterns for marketing campaigns to convert casual riders to annual members.
- The rider usage was analyzed across different time-frames, weather, trip locations, trip durations etc.
- Based on the analysis, was able to draw conclusions towards the impact of marketing strategies that can be deployed to lure casual riders to become annual members.

Web-Scrapping using Selenium & Beautiful Soup

- **Tools:** Python, Selenium, Beautiful Soup, Google Sheets, Pandas.
- Scrapped data from different e-commerce websites for different products and search term results.
- Pushed the data to Google sheets via API and manipulated data using string manipulation methods in pandas.

Data Exploration Using SQL & Visualization in Tableau

- **Tools:** SQL Server, Tableau, Excel
- Applied various SQL techniques such as joins, subqueries, aggregations, window functions, and common table expressions to answer questions and generate insights about the impact and response of the pandemic.
- Visualized the results using Tableau and created an interactive dashboard to showcase my findings. Some of the questions I answered in this project are:
 - 1. What are the correlations between vaccination rates, death rates, case rates, and other factors such as population density, GDP per capita, and human development index? 2. Which countries have the highest and lowest death rates and case rates per capita 3. How does the vaccination progress vary by region, income level, and vaccine type?

EDUCATION

B.TECH in Information Technology DAV INSTITUTE OF ENGINEERING & TECHNOLOGY

08/2014 - 06/2018

INTERESTS

Chess, Badminton, Football, Hiking, Business Case Studies, Volunteering, Cycling.