Karishma Kaur

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2+ years of experience in Data Analytics, Database Management, and Data Visualization	Skilled in data wrangling, visualizing, and reporting using BI tools like **Tableau**, **PowerBI**, & **MicroStrategy**	Advanced **SQL** scripting with the ability to analyze data, perform queries and create custom reports	Proficient in **Statistical Modeling** (regression, clustering, & decision trees) using **R**, **Python,** & **JMP Pro**	Front-end designer (**Adobe XD**) and developer (**HTML5**, **CSS3**, and **JavaScript**)

WORK EXPERIENCE

Data Analyst Intern, Global Health Connections
Denver, CO   Aug 2021 - Dec 2021

- Built **unsupervised training models** using survey data to detect anomalies using **Python** (Scikit-learn, pandas, Numpy, Scipy, Tensorflow, Keras, PyTorch)
- **Automated data cleaning** process using **Visual Basic macros** in Excel
- Created insightful survey data visualizations using Python (matplotlib, Plotly, geoplotlib, ggplot, seaborn) and **Qualtrics API**
- Built Geovisualization for African villages using HTML5, CSS3, JS, and **D3.js**
- **Designed & developed a data survey tool** and an app using Qualtrics

Graduate IT Assistant, University of Colorado
Denver, CO   Aug 2020 - Dec 2021

- Configured a remote lab for the University using **Windows Group Policy Management** Console
- Created **batch files** to automate software installations and updates
- Built custom desktop computers to overcome global chip shortage
- Mentored and trained new team members

Senior Marketing Analyst, HighRadius
Hyderabad, India   Aug 2019 - Dec 2019

- Performed deep-dive analyses on the marketing campaign results using **descriptive analytics models** in R (**mlr3, DataScienceR, caret**)
- Created **executive dashboards** using data visualization in R (**ggplot2, Lattice, Leaflet, Plotly**)
- Developed **performance management model** to calculate KPI measures and track marketing performance
- Developed marketing strategy using statistical analysis on unsupervised **K-means clustering** models to create customer segmentation using R

Marketing Analyst, HighRadius
Hyderabad, India   Jun 2018 - Aug 2019

- Conducted **Exploratory Data Analysis** (EDA) to gain insights on marketing campaign response trends for email marketing
- Pre-processed the Salesforce CRM data to handle missing values, validate data and eliminate duplicate records using R (**dplyr, tidyr, lubridate, stringr, data.table**)
- Developed Auto-Regressive Integrated Moving Average (**ARIMA**) forecasting models to forecast marketing campaign performance & achieved 10% increase in Sales Qualified Leads
- Created benchmarking reports for accounts receivable turnover for prospecting using **Advanced Excel**

EDUCATION

MS Information Systems
University of Colorado Denver, CO
Outstanding Student Award Winner   Dec 2021   GPA 3.9

B Tech. Electronics & Comm. Engineering
JNTU, Hyderabad, India
May 2018   GPA 3.6

SKILLS

Languages & Libraries
- R
- Python
- SQL
- VBA
- D3.js
- MATLAB
- CSS3
- HTML5
- Dart
- C/C++
- JavaScript
- Tensorflow

Tools & Technologies
- R Studio
- Microsoft Power BI
- Oracle SQL Server
- Qualtrics
- Tableau
- MicroStrategy
- Mendix
- Google Data Studio
- Amazon EC2
- Amazon Cloudfront
- Amazon RDS
- Adobe XD
- Amazon S3
- Google Firebase
- Google Analytics
- Microsoft Visio
- Flutter
- Azure DevOps
- JMP Pro
- VS Code
- git
- REST APIs
- Qlik
- SAS

PROJECTS

- **Sentiment Analysis** on climate change tweets (**Twitter API** and **R**)
- **Predictive model** for loan interest rates (**JMP** and **R**)
- Software Sales **data analysis** and **visualization** using **Tableau** & **Python**
- Grocery Store **revenue prediction** using **Python**
- Stock data **time series analysis** with **R** and **Oracle SQL**
- Grocery Store **financial model analysis** (**Microsoft Excel** & **Power BI**)
- Public institutes **benchmarking** using **MicroStrategy** & **SAS Visual Analytics**
- BMI Calculator **iOS and Android App** using **Flutter**