Karishma Kaur

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A self-starter graduate student experienced in data-driven analysis, database management, business intelligence tools, and programming languages including R, Python, SQL, and JavaScript.

Skills

C/C++ | R Programming | Python | MATLAB | Structured Query Language (SQL) | Microsoft Excel | Database Management | Tableau | Data Mining | Data Analytics | SAS JMP Statistical Software | SAS Visual Analytics | MicroStrategy | Microsoft Power BI | Data Visualization | Machine Learning Algorithms | Predictive Analytics | Descriptive Analytics | Visual Basics for Applications (VBA) | Oracle SQL | Amazon Web Services (AWS) fundamentals | Amazon RDS | Adobe Analytics | Adobe XD | Google Analytics | HTML | CSS | JavaScript (D3.js) | SDLC | SEO | UX/UI Designing

Education

Master of Science, Information Systems Major, Business Intelligence Specialization　　　　　　GPA 3.9
University of Colorado – Denver, Denver, CO　　　　　　　　　　　　　Jan 2020 - Dec 2021 (Anticipated)

Bachelor of Technology, Electronics, and Communication Engineering
Jawaharlal Nehru Technological University, Hyderabad, India　　　　　　　　　　　Aug 2014 – May 2018

Relevant Experience

University of Colorado – Denver, Denver, CO

Graduate IT Assistant　　　　　　　　　　　　　　　　　　　　　　　Aug 2020 – Present
- Maintained on-campus lab machines and classroom equipment
- Troubleshot network, software, and hardware related issues

HighRadius, Hyderabad, India

Senior Enterprise Financial Technology Advisor　　　　　　　　　　　　Aug 2019 – Dec 2019
- Managed and visualized quantitative data and qualitative data from cloud storage, Salesforce CRM, and HubSpot for generating descriptive analytics using Excel, Salesforce CRM dashboards, and HubSpot Dashboards
- Managed a team of six by assigning them daily deliverables, tracking & reporting their KPIs using Salesforce CRM, Excel, and Google Sheets

HighRadius, Hyderabad, India

Enterprise Financial Technology Advisor　　　　　　　　　　　　　　Jun 2018 – Aug 2019
- Created 3 benchmarking reports weekly on Microsoft PowerPoint based on financial data gathered by performing market research
- Achieved data integrity by collaborating with Marketing, Consulting, and Sales teams to maintain a single repository of data to facilitate smooth business operations

Academic Projects

Data Visualization and Reporting　　　　　　　　　　　　　　　　　　　　*Apr 2020*
- Created reports and interactive dashboards using data visualization techniques such as graphs and tables to present descriptive analytics using Business Intelligence tools like MicroStrategy, SAS Visual Analytics, Tableau, and Microsoft Power BI for public financial data and clinical data retrieved from Google Public Data

Predictive Modeling for Diamond Prices, Credit Card Offers and Loan Interest Rates　　　　*Nov 2020*
- Developed predictive models using R and Jump to predict the diamond prices, interest rates, and credit card offers
- Built machine learning models using linear regression, logistic regression, machine learning models (neural nets, boosted trees, decision trees, and k means clustering) to predict the diamond prices, most profitable prospects for credit card offers, and loan interest rates

Sentiment Analysis and Text Analytics on Twitter Data　　　　　　　　　　　　　*Oct 2020*
- Performed sentiment analysis and text data visualization using web scrapping through Twitter Application Programming Interface (API) for tweets on lockdown

Employee Relational Database Management　　　　　　　　　　　　　　　　*Mar 2020*
- Created database design for the development and management of a relational database using Oracle SQL and Microsoft Access

Revenue and Selling Price Prediction with Statistical Modeling using R　　　　　　　*Apr 2020*
- Fitted statistical models using stepwise regression (forward and backward) to predict the revenue of a company and the value of new properties using historic data