

Krupesh Patel

Contact Information

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Highlights of Qualifications

- Python, VBA, SQL, R
- Website Management
- Microsoft Office Suite
- Linux OS, Docker
- Posit
- Databricks, Pyspark
- Javascript, HTML, CSS
- SAS Enterprise Guide
- Dash, Power BI
- Public Trust

Education

- BA, Finance, Georgia State University, Robinson College of Business, 2009

PERSONAL SUMMARY

I am an experienced data professional with experience in languages such as Python, VBA, SQL, R and other analysis software. I can build complex business models, perform extensive data analysis and create business intelligence. I use my analytical findings to provide insights and develop strategy for user experience. In addition to my analytical skills, I have outstanding financial as well as technical abilities including risk analysis, budgeting, data management, and project management. I have a strong work ethic, am a fast and an avid learner with a drive to exceed expectations.

EXPERIENCE

Data Analyst IV

CDC, Chenega Corporation
Atlanta, GA
10/2024-Current

- Utilized Power Query to transform and reshape data in Power BI to visualize compliance requirements for clinical laboratories.
- Created DAX measures and calculations like turnaround time excluding holidays and weekends.
- Building Power Automate flows to get data from MS forms to excel into a Power BI dashboard.
- Created paginated reports in Power BI creating an app in Power Apps to gather users inputs

Data Analyst

CDC, TJFACT-Goldbelt Apex
Atlanta, GA
07/2021-07/2024

- Provide data analytics for the Division of Violence Prevention for online spaces.
- I built a dashboard in Posit to analyze a nationally representative survey regarding gaming.
- I performed descriptive statistics and statistical tests of significance in R-studio on survey results to help highlight key findings.
- I wrote python code to interact with various social media/news APIs to get violence related content for analysis. I built a classifier using machine learning to identify whether news headlines are a form of violence researched by the Division of Violence Prevention.

- I helped build out data pipelines utilizing Databricks to leverage millions of rows of data for machine learning.
- Cleaning and manipulating unstructured text data in python to perform unsupervised machine learning techniques to determine the topics/themes most frequently discussed in social media content regarding violence.
- I researched and created processes to implement the facilitation of data science in line with center's goals for data modernization and utilizing online spaces to inform public health.

Data Quality Analyst

CDC, MCSG Technologies

Atlanta, GA

05/ 2020 – 09/ 2020

- I provided full data support for CSTLTS in the form of data import, cleaning, quality control and report production.
- I performed data integrity checks on internal SharePoint system, Facilities Management Software (eFMS) to ensure the accuracy of the data.
- Generated reports and analyzed data to made available on the CDC's website
- Responsible for analyzing and generating reports for CDC staff that tracked the deployment of over 200 Public Health Associates across 38 states and 2 territories.
- Built a map in Excel VBA of the US and territories that graphed the number of associates assigned to a supervisor by state/territory

Senior Pricing Analyst

Westrock, Kforce

Atlanta, GA

07/2019 – 02/2020

- Responsible for navigating and reviewing Excel data to update pricing and cost databases and prepare monthly profitability, volume actualization reports, and standard cost calculations for the Vice President of Commerical Pricing.
- Utilized QlikView to create the pricing guidance which aided in analyzing whether the recommended price are worthwhile endeavor for a sale.
- I analyzed domestic and export sales opportunities to determine the potential profitability for the company.
- Interpreted customer and transaction information from sales leaders to evaluate potential sales.
- I created trade analysis with SSM models using factors like freight and trim cost to determine the value of preexisting trades and potentially new trades to determine which corrugated paper is valuable to buy and sell.

Pricing Analyst

Logisticare

Atlanta, GA

07/2017 – 01/2019

- Customized Qlik sense reports to manipulate large datasets with the purpose of determing on time performance for trips, time series of unit cost of trips and sales by various metrics.
- Constructed user stories in facilitating the development of new applications and reports in Qlik Sense.
- Created queries in Aginity workbench (Netezza), Notepad ++, and Access using SQL utilizing joins, grouping, and where clauses to pull data from our data warehouse.

- Wrote custom SQL scripts in Excel PowerPivot to work with millions of rows of data beyond the Excel row limit for the purposes of analyzing and mining data.
- Created forecast reports to determine cost savings from the implementation of new pricing models to help negotiate contracted rate with our clients.
- Created cost override reports to identify areas to reduce high-cost trips and find lower cost alternatives.

Data Analyst

Cox Communications, LogicIT Systems Inc
Atlanta, GA, 10/2015- 12/2015

- Executed programming code to clean data into a readable format for entry into the SAS database
- Wrote SQL code to perform different procedures to structure data for analysis
- Created and executed SAS code in order to scrub erroneous data and ensure data integrity
- Instrumental in devising a strategy to implement data quality assurance and data quality control for client's data

PUBLICATIONS AND PRESENTATIONS

Publications

*Pending Review - Video Gaming Experiences and Violence Prevention – Spring
ConsumerStyles Survey -2021*

Presentations

Youtube video series on using python and Power BI to create choropleth maps based on voting data. <https://www.youtube.com/channel/UC-erR-Kdnp88aCUjqV8FPow>

PERSONAL PROJECTS

Homelab/Server

- Setup my own home server using Proxmox a Linux virtualization platform.
- Utilize a virtual machine to operate an Ubuntu server for file storage, media player, dockers, etc.
- Utilize SSH and command-line interface to maintain, configure, and update my servers.
- Setup file sharing network using FTP and Samba.