

Dollar Vora

Data Scientist | Analytics & Business Intelligence | Product Builder

Montréal, QC | dollarvora@icloud.com | dollarvora.com | linkedin.com/in/dollarvora

Canadian citizen | TN eligible for qualifying U.S. professional roles

PROFESSIONAL SUMMARY

Data scientist and analytics product builder with 9+ years of experience building decision systems across software, manufacturing, and public health. Uses R, Python, SQL, Power BI, and Shiny for analysis, automation, visualization, and geospatial optimization, and ships independent web and iOS products in TypeScript and Swift.

TECHNICAL SKILLS

Programming & data: R, Python, SQL, TypeScript, Swift, SQL Server, PostgreSQL, ETL, data validation

Analytics, BI & optimization: Power BI, DAX, Tableau, R Shiny, Excel, statistical modeling, clustering, geospatial analysis, Traveling Salesman Problem (TSP), Capacitated Vehicle Routing Problem (CVRP)

Product engineering: Next.js, React, SwiftUI, Supabase, PostGIS, D3.js, Core ML, LLM API integration

PROFESSIONAL EXPERIENCE

Pricing Analyst - Softchoice

Canada | June 2021 - Present

- Analyze commercial data, develop pricing models, and translate margin opportunities into decision tools and recommendations across sales, finance, and operations.
- Automate recurring pricing analysis, data preparation, and validation in R, replacing manual steps with repeatable workflows.

Business Intelligence Analyst, Order to Delivery - BRP

Sherbrooke, QC | July 2019 - March 2021

- Built a Power BI Control Tower using DAX and R for KPI monitoring across the motor vehicles division.
- Automated daily data preparation and sales action items in R, then developed an R Shiny application to support aging-inventory distribution decisions.

Data Manager I, Infectious Disease Bureau - Boston Public Health Commission

Boston, MA | April 2017 - June 2019

- Built R Shiny disease-surveillance applications using SQL Server and Electronic Disease Surveillance System data for trend and anomaly detection.
- Delivered interactive trend and geographic views, on-demand reports, and configurable text and email notifications for epidemiologists.

Data Analytics Teaching Assistant - Level Education (Northeastern University Analytics Bootcamp)

Boston, MA | September 2016 - December 2016

- Supported learners in R, SQL, Excel, Tableau, and capstone projects, with an emphasis on explaining analytical methods clearly.

Data Analyst Intern - Wolters Kluwer

Waltham, MA | December 2015 - August 2016

SELECTED PROJECTS

Justo: Travel Safe & Fair

Solo iOS product, live on the App Store

- Built and shipped a SwiftUI application across four Brazilian cities using Supabase, PostgreSQL, PostGIS, one-tap SOS, community safety and price reports, and on-device Core ML face blurring.

Dealers GeoCluster

Geospatial clustering and capacity-aware route optimization

- Developed an R-based logistics tool that groups dealers geographically, respects truck capacity, and sequences stops using TSP and CVRP methods, with interactive maps for scenario testing.

EDUCATION

MS, Information Systems - Northeastern University | Boston, MA | December 2016

Graduate Certificate, Data Mining Engineering - Northeastern University | Boston, MA

BE, Electronics Engineering - University of Mumbai | Mumbai, India

Languages: English, Hindi, Gujarati, Marathi