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| **Larry Edward Hatcher**  **Data Analyst** | 720-843-5760  larryhatcherco.com www.linkedin.com/in/larryhatcher  Lehatcher.Github.io/lehatcher |

**Skills**

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| * Excel(Pivot Tables, VLOOKUP, Data Tables, Solver) * Python(Numpy, Pandas, Seaborn, OOP) * SQL(Advanced Querying, Cleansing) * Tableau(Dashboards, Charts, Graphs) | * Statistics(Machine Learning, Supervised, Unsupervised, Correlation, Others ) * APIs(Postman, JSON) * Critical Thinking, Problem Solving, Curiosity, Adaptability |
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**PROJECTS**

**LINEAR AND LOGISTIC REGRESSION** Personal Project in Excel March 2021

* Utilized purchasing data to analyze the buying habits of pregnant households.
* Used advanced Excel functions including SUMPRODUCT, MATCH, MMULT, ARRAYS. Used advanced SOLVER tool for optimization.
* Calculated basic statistics: R Squares, f statistics, p value.
* Predicted both linear and regression probability. Displayed result on ROC graph

**IMPETUM DIEM TEMPUS FUGIT** Personal project in Python OOP May 2025

* Project to accurately calculate time going forwards or backwards that takes Daylight savings time in account. My main objective in this small project is to display some of my skills in Python.
* The problem involved moving time from “wall time” to ”UTC” then back again
* Used datetime, timedelta, try and except blocks, classes, dunders, @Classmethod decorator

**TABLEAU VISUALIZATION PROJECT** Personal ongoing project May 2025

* Trying to predict the effect that highs tariffs here in the United States may have on food prices by mainly using visualization tools. My prediction is that food prices will rise
* Used data from the USDA Food Price API and FoodData Scrap API
* Cleansing data from various tables and using it to build dynamic charts/graphs and a dashboard

**MACHINE LEARNING PROJECT** Personal ongoing project May 2025

* A complex machine learning project about on-line sport betting in college football. My hypothesis is that overall, the underdog team has a higher probability of winning against the spread.
* Using a variety of sources including API-Sports, OddsAPI and Bet365API
* My basic training approach has been to start with regression, Random Forest, XGBoost and Neural Networks. I’ve been trying out some new creative modelling approaches as I go forward.

**EDUCATION**

**Georgia State University, Atlanta, GA**

Master of Business Administration, Finance

**University of Georgia, Athens, GA**

Bachelor of Arts, Psychology

**PROFESSIONAL EXPERIENCE**

**Seasonal Customer Service,** Aqua-Leisure Sports Group, Denver, CO 04/2024 – 09/2024

* Customer Service and Product Specialist for summer season.
* Primary phone and email contact for customer information and returns. In my tenure, ASA and AWT drastically improved.
* Worked in Excel, Shopify, Sage 100 and High Jump to generate daily inventory and sales reports.

**Test Administrator,** Pearson, Inc, Westminster, CO 04/2023 – 04/2024

* Part time position, Administrator and proctor for academic and professional testing.
* Administered and Monitored on-site tests in our Broomfield office.
* Dealt with stressed test takers in pressured situations

**Advanced Technical Agent,** *TSYS Global Payments, Broomfield, CO* 02/2019 - 10/2020

* Full time analyst specializing in the diagnostics of merchant credit card terminals.
* Technical Troubleshooting and repair.
* Strong customer service and phone communication. Communicated with merchants on their technical level.

**Rate Analyst Intern,** *Longmont Power and Communication, Longmont, CO* 12/2015 - 07/2016

* Worked with a small team to forecast future rates and pricing for this non-profit electric utility. My contribution included building models using R and Excel primarily for forecasting and budgeting.
* Excel guru. I updated all of their obsolete spreadsheets. I formatted them so they were easier to read, added functions and other tools like Solver to increase and simplify analysis.
* Created and managed Access databases for new broadband division.
* Used R for statistical analysis mostly using Logistic Regression
* PowerPoint, Presented analytical reports to management.
* Extensive multitasker. I always had two to three projects going on at the same time.

**Additional Information**

* My education includes an MBA in Finance and a BA in psychology. My early career was spent in finance and accounting. I am a lifelong learner with a keen interest in statistics and data analysis. Currently I’m studying advanced Python, Machine Learning and AI.
* We live in a complex and diverse world, and I feel it’s important to be involved with what goes on in our neighborhood both locally and globally. I take an interest in my community and try to do as much as I can. In both my work and private life, I enjoy being exposed to a wide range of people and ideas. I thrive in environments where I’m exposed to different cultures, races, and backgrounds.