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| Jeremiah GerodiasBS in Chemical Engineering* Well-rounded data analysis skill set includes data visualization, statistical programming, SQL querying, and basic machine learning
* 10+ year work history includes training new employees and leading a production floor team
* Motivated learner who appreciates learning opportunities in the workplace
 | iJeremiah.comJ@iJeremiah.com Envelope775-233-\*\*\*\* Smart PhoneReno, NV USA MarkerLinkedin.com/in/JGerodias A close up of a logo  Description automatically generated |

SKILLS

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|  TableauPythonSQLPower BIExcelR StudioAgile – ScrumVBAJupyterPCAMultiple Linear RegressionK-means ClusteringHypothesis TestingData CleaningProcess MappingData Modelling |

PERSONAL PROJECTS

**Financial Review of Startups** [ [*iJeremiah.com/startups*](file:///C%3A%5CUsers%5CJeremiah%5CDesktop%5CiJeremiah.com%5Cstartups)]
A Tableau dashboard I created to assist a fictional Board of Directors in deciding which startups they should invest in based on several financial metrics. The dashboard required the use of groups, combined sets, and parameter controls.

**Predicting Used Car Prices** [ [*iJeremiah.com/cars*](file:///C%3A%5CUsers%5CJeremiah%5CDesktop%5CiJeremiah.com%5Ccars)]
I built a Linear Regression model to predict the sales prices of used cars based on their specifications such as make, mileage, engine type, engine displacement, and body type. Some of the libraries I used include *pandas, numpy, seaborn, sklearn,* and *statsmodels.*

**Real-Estate Data Web Scraper** [ [*iJeremiah.com/scraper*](file:///C%3A%5CUsers%5CJeremiah%5CDesktop%5CiJeremiah.com%5Cscraper)]A standalone executable I created in Python that scrapes Reno-Sparks housing market data from a real-estate website. Some of the libraries I used include *bs4*, *requests*, *tkinter*, and *sqlite3*.

**Data Modeling + Normalization of an HR Dataset** [ [*iJeremiah.com/HR*](file:///C%3A%5CUsers%5CJeremiah%5CDesktop%5CiJeremiah.com%5CHR) ]
I used Power BI’s *Query Editor* to clean and normalize a Human Resources data set, and modeled the relationships between the resulting fact and dimension tables.

More projects @ **iJeremiah.com**

EDUCATION

**BS in Chemical Engineering** |University of Nevada, Reno

Fluidized Bed Project
A semester-long group project focused on characterizing a lab-scale fluidized sand bed and **evaluating it based on** efficiency, safety, and viability as a tool for learning process control methodologies. The project required **identifying the key parameters**, modelling the temperature response as a function of time, and **giving recommendations** on how to improve the learning experience for future students.

WORK EXPERIENCE

**PMO III – Programming Machine Operator** |Arrow Electronics (07/2015 – 09/2019)My duties included operating a diverse set of pick-and-place machines (7 or more), troubleshooting problematic machines, minimizing machine downtimes, and participating in **continuous improvement activities**. I was also the primary **trainer to new operators** designated to the *BPWIN* cell. As a senior member of the team, I also served as the subject matter expert on **how to efficiently** run the entire *BPWIN* cell throughout a 12hr-shift.