David Radabaugh

16866 164th Way S.E. Renton, WA 98058 | (206) 612-6178

| <https://github.com/David-Rad/Portfolio> | davidrad@live.com

***Professional Profile***

Skilled in Machine Learning, Visualization and Data preparation. Possesses an insatiable intellectual curiosity, and the ability to mine hidden gems located within large sets of structured, semi-structured and unstructured data. Able to leverage programming and statistics with visualization and a healthy sense of exploration.

***Tools & Languages***

Docker, Tableau, Hadoop (Hive, MapReduce), R, Rattle, Python (Matplotlib, Sklearn, Pytorch), KNIME, SQL, NoSQL, Postgres

***Education***

Pennsylvania State University | Masters of Professional Studies in Data Analytics

Central Washington University | BA in Education

***Experience***

August - December 2018 Team 13 Consulting Data Scientist

Created a Marketing Mix Model (MMM) for a major east coast tourist destination in order to determine how to optimize its media spend as it relates to attraction ticket sales.

* Data Collection
* Data analysis and visualization
* Data preprocessing: cleaning and feature engineering.
* Creating and evaluating various MLR models to determine the influence each media channel (and other variables) had on sales.

July 2016 - February 2018 Ciputra Group / Sekolah Ciputra Teacher

Identified student’s individualism and developed curriculum to accommodate different learning styles, maximizing student achievement

July 2012- July 2016 Qatar Foundation / Qatar Academy Sidra Teacher

Designed hands-on differentiated math lessons that engaged different learning styles in fun, higher order thinking

***Courses***

Applied Statistics

Data Collection and Cleaning

Data Mining

Data Visualization

Data-Driven Decision Making

Database Design Concepts

Foundations of Predictive Analytics

Large-Scale Database and Warehouse

Technical Project Management

Design and Implementation of Analytics Systems