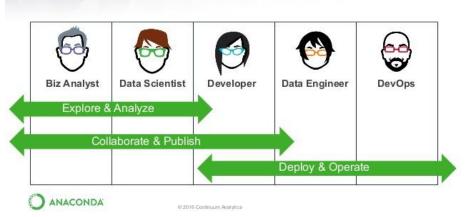
Data Science Team



"Perfect Storm:" Cheaper hardware, software (open source), & data

Decision-making based on data.

Courses in Business Data Analytics @ UH – West O'ahu

- BUSA 340 ETH WI Business Intelligence
 - Microsoft Power BI
 - Data Governance
 - o Ethical Decision-Making
- BUSA 342 Practical Programming: Python
 - o Extract, Transform, Load (ETL)
 - o pandas
- BUSA 348 Data Analytics for Business
 - \circ R
 - o Regression & Other statistical techniques
- BUSA 349 Data Analytics for the Cloud
 - Introduction to Cloud
 - Data Analytics Workflow

Under development: Machine Learning

Contact: Eric Wen D219 ericwen@hawaii.edu

Prerequisites

CONTINUUM'

Kapiolani Community College is considering developing a three-course Certificate of 100- & 200-level courses that introduce students to Python, R, and structured query language (SQL).

At UH-West O'ahu

Required

- ICS 111 Intro to Computer Science I
 - Python
 - Data Types, Program Flow, Classes & Object-Oriented Programming
- ICS 129 Introduction to Databases
 - Entity-Relationship Diagrams (ERD)
 - Relationships between primary keys and foreign keys
 - o Organizing Data by Normalization

Suggested

- ICS 184 Network Fundamentals
- ICS 211 Intro to Computer Science II

Other

ICS 141 Discrete Math for Comp Sci I