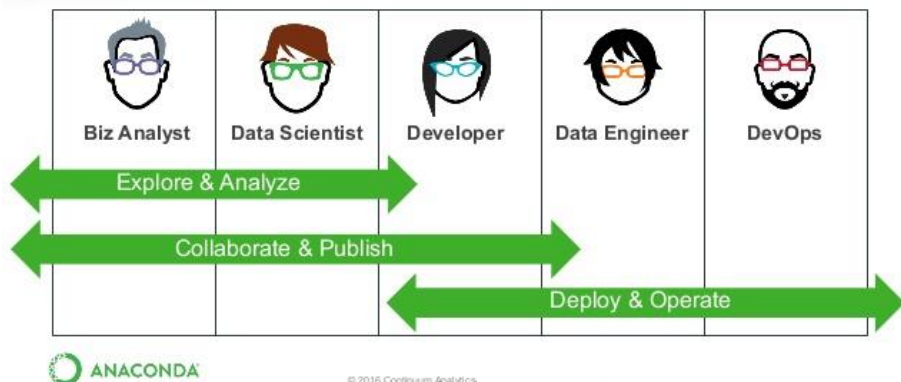


Data Science Team



<https://image.slidesharecdn.com/anacondafusionwebinar-final-160624170403/95/bringing-open-data-science-into-excel-with-anaconda-fusion-7-638.jpg?cb=1466787973>

“Perfect Storm:” Cheaper hardware, software (open source), & data
Decision-making for businesses based on data.

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

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

Under development: Machine Learning

Contact: Eric Wen

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Prerequisites

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
 - 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



https://github.com/UHWO-Data/pub/raw/master/oh_2019-08.pdf