Crafting a Two-Year Data Science Program

A week long workshop of tutorials in topics that will help you develop a technician-level data science program that fits your college and community

* Day 1 (Monday June 20)
  + Coffee/Juice (U135A) 8:00AM – 9:00AM
  + Introductions 9:00AM – 9:15AM
  + Horizon System 9:15AM – 9:30AM
  + Consent Forms/Pre-Workshop Surveys 9:30AM – 9:45AM
  + Program Design (Prof. Pamela Brauda & David Singletary) 9:45AM – 10:30 AM
    - Don’t start from scratch! Leveraging existing courses
  + Break 10:30AM – 10:45AM
  + Python Data Science Packages – Numpy and Pandas (Pamela Brauda) 10:45AM - Noon
  + Lunch (U135A) Noon – 1:00PM
  + Python Data Science Packages – Numpy and Pandas (Pamela Brauda) 1:00PM – 2:30PM
  + Break 2:30PM – 2:45PM
  + Python Data Science Packages – Numpy and Pandas (Pamela Brauda) 2:45PM – 4:00PM
* Day 2 Day 1 (Tuesday June 21)
  + Coffee/Juice (U135A) 8:00AM – 9:00AM
  + Python Data Science Packages – Matplotlib (Pamela Brauda) 9:00AM – 10:30AM
  + Break 10:30AM – 10:45AM
  + Python Data Science Packages – Matplotlib (Pamela Brauda) 10:45AM – Noon (if necessary)

OR

* + Python Visualization Tools (David Singletary) 10:45AM – Noon
  + Lunch (U135A) Noon – 1:00PM
  + Python Visualization Tools (David Singletary) 1:00PM – 2:30PM
  + Break 2:30PM – 2:45PM
  + Python Visualization Tools (David Singletary) 2:45PM – 4:00PM
* Day 3 (Wednesday June 22)
  + Coffee/Juice (U135A) 8:00AM – 9:00AM
  + CIA Triad (Prof. Gerry Hilgenberg) 9:00AM – 10:00AM
  + Protecting Data (Gerry Hilgenberg) 10:00AM – 10:30AM
  + Break 10:30AM – 10:45AM
  + Protecting Data (cont) (Gerry Hilgenberg) 10:45AM – Noon
  + Lunch (U135A) Noon – 1:00PM
  + Guest Speaker
  + The FBI's role in Combating Cyber-Crime ( FBI Special Agent Vanessa K. Stelly) 1:00PM – 2:00PM
  + Security+ and Other Certifications (Gerry Hilgenberg) 2:00PM – 2:30PM
  + Break 2:30PM – 2:45PM
  + Security+ Mini-Bootcamp (Gerry Hilgenberg) 2:45PM – 3:45PM
  + Course Overview: CTS 1120 Fundamentals of Info Security (Gerry Hilgenberg) 3:45PM – 4:00PM
* Day 4 (Thursday June 23)
  + Coffee/Juice (U135A) 8:00AM – 9:00AM
  + Nuts and Bolts: More Lessons Learned (Pamela Brauda & David Singletary) 9:00AM – 9:45AM
    - Distilling essential statistics in technical curriculum (Pamela Brauda & David Singletary)
    - Leveraging the program: FinTech Aspirations (Pamela Brauda & David Singletary)
  + Break 9:45AM – 10:00AM
  + Guest Speakers
* Online Course Design (Julie, Wolfe, FSCJ Instructional Designer) 10:00AM – 11:00AM
* Curriculum Design (Rebecca Nelson, FSCJ Curriculum Specialist) 11:00AM – Noon
  + Lunch (U135A) Noon – 1:00PM
  + Data Ethics (David Singletary) 1:00PM – 2:00PM
  + Diversity and Equity in Curriculum (David Singletary) 2:00PM – 2:30PM
  + Break 2:30PM – 2:45PM
  + Closing 2:45PM – 4:00PM