JOHNS HOPKINS
UNIVERSITY

Session Syllabus

University: Johns Hopkins University

Class: JHU-BAL-DATA-PT-10-2020-U-C-MW

Program: Data Visualization Part-Time

SESSION NUMBER
1.1

SESSION NAME
Dipping Into Data

DATE & TIME
Monday October 19, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
1.2

SESSION NAME
Accelerating Through Excel

DATE & TIME
Wednesday October 21, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
1.3

SESSION NAME
Charting a New Course in Excel

DATE & TIME
Saturday October 24, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
2.1

SESSION NAME
Very VBA

DATE & TIME
Monday October 26, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
2.2

SESSION NAME
Vexing VBA

DATE & TIME
Wednesday October 28, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
2.3

SESSION NAME
Getting Real With VBA

DATE & TIME
Saturday October 31, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
3.1

SESSION NAME
Introduction to Python I

DATE & TIME
Monday November 2, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
3.2

SESSION NAME
Introduction to Python II

DATE & TIME
Wednesday November 4, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
3.3

SESSION NAME
Introduction to Python III

DATE & TIME
Saturday November 7, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
4.1

SESSION NAME
Introduction to Pandas

DATE & TIME
Monday November 9, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
4.2

SESSION NAME
Data Munging with Pandas

DATE & TIME
Wednesday November 11, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
4.3

SESSION NAME
Real-World Data Parsing with Pandas

DATE & TIME
Saturday November 14, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
5.1

SESSION NAME
Intro to Graphing with Matplotlib

DATE & TIME
Monday November 16, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
5.2

SESSION NAME
Matplotlib Advanced Customization

DATE & TIME
Wednesday November 18, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
5.3

SESSION NAME
Real-World Data Visualization with Matplotlib

DATE & TIME
Saturday November 21, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
6.1

SESSION NAME
Working with Web Data (API Requests)

DATE & TIME
Monday November 23, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
6.2

SESSION NAME
JSON Traversal and Data Parsing

DATE & TIME
Wednesday November 25, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
6.3

SESSION NAME
Visualizing Financial Deserts with Google Places and Census

DATE & TIME
Monday November 30, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
7.1

SESSION NAME
Project Work

DATE & TIME
Wednesday December 2, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
7.2

SESSION NAME
Project Work

DATE & TIME
Saturday December 5, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
7.3

SESSION NAME
Project Work

DATE & TIME
Monday December 7, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
8.1

SESSION NAME
Project Work

DATE & TIME
Wednesday December 9, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
8.2

SESSION NAME
Project Work

DATE & TIME
Saturday December 12, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
8.3

SESSION NAME
Project Presentations

DATE & TIME
Monday December 14, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
9.1

SESSION NAME
Introduction to SQL

DATE & TIME
Wednesday December 16, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
9.2

SESSION NAME
Advanced SQL Queries

DATE & TIME
Saturday December 19, 2020
10:00AM - 2:00PM Local

SESSION NUMBER
9.3

SESSION NAME
Data Modeling

DATE & TIME
Monday December 21, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
10.1

SESSION NAME
Advanced SQL I

DATE & TIME
Wednesday December 23, 2020
6:30PM - 9:30PM Local

SESSION NUMBER
10.2

SESSION NAME
Advanced SQL II

DATE & TIME
Monday January 4, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
10.3

SESSION NAME
SQL Application Building

DATE & TIME
Wednesday January 6, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
11.1

SESSION NAME
Intro to Web Design (HTML / CSS)

DATE & TIME
Saturday January 9, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
11.2

SESSION NAME
Intro to Web Frameworks (Bootstrap)

DATE & TIME
Monday January 11, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
11.3

SESSION NAME
Web Dashboard Building

DATE & TIME
Wednesday January 13, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
12.1

SESSION NAME
Mastering MongoDB

DATE & TIME
Saturday January 16, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
12.2

SESSION NAME
Kiss My Fist and Scrape the Sky

DATE & TIME
Wednesday January 20, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
12.3

SESSION NAME
Rendering Your Data With Flask

DATE & TIME
Saturday January 23, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
13.1

SESSION NAME
Intro to ETL

DATE & TIME
Monday January 25, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
13.2

SESSION NAME
ETL Project Work

DATE & TIME
Wednesday January 27, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
13.3

SESSION NAME
ETL Project Work

DATE & TIME
Saturday January 30, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
14.1

SESSION NAME
Intro to JavaScript I

DATE & TIME
Monday February 1, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
14.2

SESSION NAME
Intro to JavaScript II

DATE & TIME
Wednesday February 3, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
14.3

SESSION NAME
Intro to Javascript III

DATE & TIME
Saturday February 6, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
15.1

SESSION NAME
JavaScript APIs

DATE & TIME
Monday February 8, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
15.2

SESSION NAME
JavaScript Web Charting

DATE & TIME
Wednesday February 10, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
15.3

SESSION NAME
Interactive Data Visualizations

DATE & TIME
Saturday February 13, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
16.1

SESSION NAME
Fundamentals of D3.js I

DATE & TIME
Wednesday February 17, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
16.2

SESSION NAME
Fundamentals of D3.js II

DATE & TIME
Saturday February 20, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
16.3

SESSION NAME
Advanced Concepts in D3.js

DATE & TIME
Monday February 22, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
17.1

SESSION NAME
Geomapping 101 with Leaflet.js

DATE & TIME
Wednesday February 24, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
17.2

SESSION NAME
Geomapping 102 with Leaflet.js

DATE & TIME
Saturday February 27, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
17.3

SESSION NAME
Leaflet + Project Work

DATE & TIME
Monday March 1, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
18.1

SESSION NAME
Introduction to R & Project Work

DATE & TIME
Wednesday March 3, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
18.2

SESSION NAME
Data Wrangling in R & Project Work

DATE & TIME
Saturday March 6, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
18.3

SESSION NAME
Project Work

DATE & TIME
Monday March 8, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
19.1

SESSION NAME
Project Work

DATE & TIME
Wednesday March 10, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
19.2

SESSION NAME
Project Work

DATE & TIME
Saturday March 13, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
19.3

SESSION NAME
Project Presentations

DATE & TIME
Monday March 15, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
20.1

SESSION NAME
Business Intelligence with Tableau

DATE & TIME
Wednesday March 17, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
20.2

SESSION NAME
Interconnected Data with Tableau

DATE & TIME
Saturday March 20, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
20.3

SESSION NAME
Real-World Tableau Dashboarding

DATE & TIME
Monday March 22, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
21.1

SESSION NAME
Introduction to Machine Learning

DATE & TIME
Wednesday March 24, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
21.2

SESSION NAME
Classification

DATE & TIME
Saturday March 27, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
21.3

SESSION NAME
Introduction to Neural Networks and Deep Learning

DATE & TIME
Monday March 29, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
22.1

SESSION NAME
Introduction to Big Data

DATE & TIME
Wednesday March 31, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
22.2

SESSION NAME
Big Data in the Cloud

DATE & TIME
Saturday April 3, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
22.3

SESSION NAME
Cloud ETL

DATE & TIME
Monday April 5, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
23.1

SESSION NAME
Final Project Work

DATE & TIME
Wednesday April 7, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
23.2

SESSION NAME
Final Project Work

DATE & TIME
Saturday April 10, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
23.3

SESSION NAME
Final Project Work

DATE & TIME
Monday April 12, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
24.1

SESSION NAME
Final Project Work

DATE & TIME
Wednesday April 14, 2021
6:30PM - 9:30PM Local

SESSION NUMBER
24.2

SESSION NAME
Final Project Work

DATE & TIME
Saturday April 17, 2021
10:00AM - 2:00PM Local

SESSION NUMBER
24.3

SESSION NAME
Final Presentations

DATE & TIME
Monday April 19, 2021
6:30PM - 9:30PM Local

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