Data Action Lab

Sysabee

DAVHILL Group

IDLEWYLD

Combined experience: 70+ university courses, 100+ workshops, 65+ projects, 45+ years. Joint venture qualified for GoC A.I. Source List – EN578-180001/A (Band 1).

Training Paths

- Data Novice
- Data Engineer
- Data Practitioner
- Data Scientist
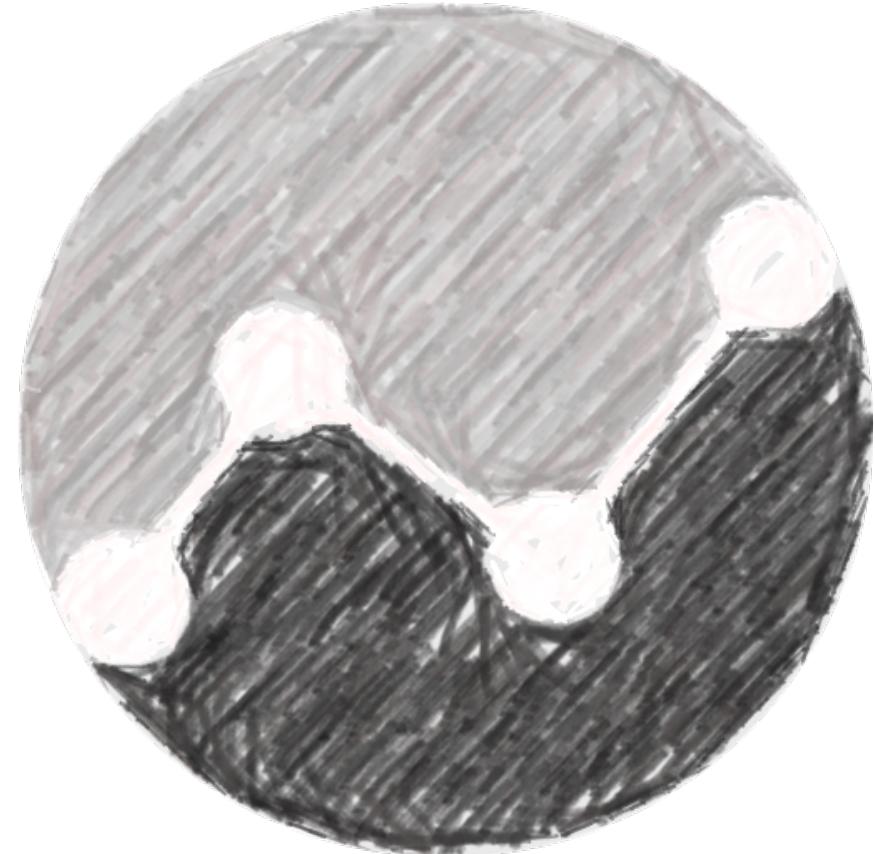- Data Manager
- Data Champion

Training Learning Interests

- Visualization and Dashboards
- Introduction to Data Science
- Advanced Data Science
- Machine Learning Toolbox
- Spotlight on Classification
- Spotlight on Clustering
- Text Analysis
- Special Topics in AI and DS
- Hands on Data Analysis
- Data Strategy and Governance

ADVANCED DATA TRAINING CATALOGUE
DATA ACTION LAB
Fall '19 – Winter '20

DATA CHAMPION TRAINING CATALOGUE
DATA ACTION LAB
Fall '19 – Winter '20

Business intelligence

Data visualization design

Data analytics and data science

Data engineering

Advanced statistics and machine learning

Artificial and augmented intelligence

Process and systems modeling

Software implementation and integration

Provide a space for data consumers, producers, practitioners, scientists and champions to make a place for themselves in the digital world.

Provide paths for education and enrichment for all these groups.

Keep pace with developments in the digital arena and keep Data Action Lab participants moving and aligned with these relevant developments.

Provide just-in-time learning opportunities for Data Action Lab members, focusing on their specific challenges and skillsets.

BEST PRACTICES IN DATA VISUALIZATION

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OUTLINE

Day 1

1. Introduction
2. Visualization and Data Exploration
3. Basics of Dashboarding

Day 2

4. Storytelling with Data
5. Fundamental Principles of Data Visualization
6. Hall-of-Fame/Hall-of-Shame

Day 3

7. Matching Visualization to Data
8. Visualization Catalogue
9. Interactive Visualizations

Day 4

10. Gestalt Principles
11. Decluttering Charts
12. Size, Colour, and Position
13. Accessibility

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LEARNING OBJECTIVES

Understand the different roles of data visualization in the data analysis process.

Increase your understanding of how to represent simultaneously multiple dimensions.

Improve your ability to judge how many dimensions are being represented in a chart.

Recognize strategies to build good visualizations and dashboards.

Understand the difference between a visualization and an infographic.

Improve your judgment about the quality of data visualizations and dashboards.

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