Data Action Lab

Sysabee DAVHILL Group IDLEWYLD

Enseignement univ.: 50+ cours; **ateliers:** 40+; **projets:** 60+; **expérience combinée:** 35+ années.
Co-entreprise pré-qualifiée à la liste des fournisseurs I.A. du GdC – EN578-180001/A (1ière bande).

Nouveau catalogue de formation approfondie disponible sur la toile au **data-action-lab.com**

Combined experience: 50+ university courses, 100+ corporate workshops, 60+ projects, 35+ years.
Joint venture qualified for GoC A.I. Source List – EN578-180001/A (Band 1).

New advanced training catalogue available at **data-action-lab.com**

Data Action Lab

What We Do

- Training and long courses
- Workshops and short courses
- Knowledgebase curation
- Data labs

Data Action Lab

Training

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

Expertise

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

Data Action Lab

Vision

- 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

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

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

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.