

Design a data use case end-to-end

Data is increasingly accessible for business users in organisations. As analytics and insights spread, users are now able to build analytics reports and data science use cases on their own. Step by step, we will teach you how to build a data use case from scratch.

In partnership with **onepoint.**



Training Overview

The training will introduce and explain the preparation steps of data, from the build phase to the customisation of the reports. The training will introduce you to one of the best tools accessible in the market and available open source to build business intelligence reporting and produce data visualisations.

Training Objectives

In this training, you will learn about common pitfalls and how to build a data use case based on a Business Intelligence solution. You will also learn to quickly structure your data, easily include calculations, create and publish high-impact charts in just a few minutes.

Target Audience

This training is intended for anyone who wants to have a comprehensive understanding of technical process of data. Participants are often part of the business and digital operations support departments. This training is also adapted for Project Managers and middle management.

Prerequisites

Participants should have initial knowledge on software development, data analysis or business intelligence.

Training Content

Day 1

1. Introduction about data
 - Challenges and pitfalls
 - Steps to build a use case
 - Example of formats and sources
2. Introduction to the use case
 - Qualify your data sources
 - Clean your data sources
 - Sample your data set
3. Data model 101
 - Organise your data
 - Prepare your mapping and model
4. Workplace setup
 - Prepare your environment
 - Build your pipeline
 - Build your ingestion script

Day 2

1. Data transformation
 - Preprocess your data
 - Verify the performance
 - Verify the quality
 - Manage loading and errors
2. Run analytics and visualisation
 - Representation, dimension and goals
 - Algorithm library
 - Open source library vs dataviz
 - Choose your data visualisation
 - Report creation and KPIs

Day 3

1. Metrics and performance
 - Define the baseline analysis
 - Monitor performance
 - Build a performance dashboard
2. Update analysis and reporting
 - Modify representations
 - Management of sources
3. Publishing and security
 - Golden rules of publishing data
 - Management of sources
4. Conclusion and restitution

Training Information

Training will be conducted by an experienced trainer and Agile Coach from why innovation!.

Each training will have a maximum of 12 participants.

Duration: 3 days (24 hours)

Location: Singapore/ Hong Kong/ Shanghai

Price: SGD 2,400/ HKD 13,500/ CNY 9,000

Select more than 1 training to be eligible for a discount.

Related Trainings

1. Advanced Scrum Master with PSM II Certification
2. Agile Data Product essentials
3. Big Data and AI awareness

WHY INNOVATION!

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