

Data-Driven Projects

Many projects at IFRC have a data component. The purpose of this module is to guide users to think about all the steps in a whole data project rather than their respective field or sector. This module aims to answer the question: **How might we build and implement a 'Data-Driven Project'?** It also addresses:

- How can we map our data ecosystem and workflow?
- What are data and technology questions we should be asking?



RECIPE

A suggested step by step process to achieve learning

1. Use **Put Data Project Items in Order [Exercise 2]** to engage participants in the complexities of a data-driven project
2. **What are the roles needed to support each step of the workflow? [Exercise 3]** can help participants understand the ecosystem of roles needed to implement their data-driven project.
3. The **Data Simulation [SessionPlan 3]** 'simulates' data workflows for various topics.
4. Break people into pairs or groups of threes to fill out the **Data and Technology Checklists [Checklist 1]** for their data-driven projects.
5. In a group discussion, ask participants to synthesise what they've learned by compiling a list of data-driven project best practices.



INGREDIENTS

Pick and choose ingredients to create your own recipe. Do you have an ingredient we're missing? Send an email to Heather.Leson@ifrc.org.

Exercises

Short, discrete social learning experiences

- **Put in Order: Data Project Workflow Steps [Exercise 2]**. Participants the complexities from the beginning to end of a data-driven project
- **What are the roles needed to support a data workflow? [Exercise 3]** Participants map out the ecosystem of roles needed to implement a data-driven project.



Session Plans

Longer social learning experiences

- **Data Simulation [SessionPlan 3]**. Participants 'simulate' data workflows for various topics.



SlideDeck

Distilled information for use as standalone or parts of presentations.

- **Why Data Matters [SlideDeck 3]**. Provides context for data use and its importance within IFRC
- **Data and Information Management Basics [SlideDeck 9]**. Provides context for building data-driven projects and information on data related roles at IFRC.



Checklist

For documentation of essential elements of the learning experience

- **Data and Technology Checklist [Checklist 1]**. A worksheet for developing an efficient, legitimate and responsible workflow in software projects.



Next Steps

Other relevant modules from the data playbook beta:

- **How can we protect and use data responsibly? [Module 4]**