

Educational Level:

Higher Education

Subject Area (s)

Human Resource Management

Time required

16 hours



CREATE A PEOPLE ANALYTICS DASHBOARD FOR MANAGERS (TEAM PROJECT)

Overview

In this project, students produce a prototype of an analytics dashboard for visualising data related to employee wellbeing which will be used by the human resource management team. Through this team project, students are intended to develop critical thinking skills regarding the best way to present and communicate data. The dashboard assignment also helps students to develop digital literacy skills in the use of Adobe XD.

Because Adobe XD enables students to create interactive prototypes, this strategy empowers students to demonstrate communication skills in a deep and meaningful way. It provides a way in which HR students can communicate their needs with other professionals, such as software developers, data scientists and information technology professionals.

Students should be advised that their dashboard assignments, which are submitted by sharing a hyperlink with other teams can be accessed by anyone with the URL.

Supporting tools and resources

- Student examples from previous semesters [Student Analytics Dashboard examples]
- Assignment Instructions
- Rubric/marking guide
- Dataset and description of the dataset
- Examples of [People Analytics dashboards](#) (from Tableau)
- [Adobe XD](#) tutorial

Outline

Step	Time	Description
1 Learn	3 hr	Provide instructions about the project requirements (see Student Resource Overview) and organise students into groups. During class, provide examples of the different types of visualisations so that students can identify the strongest indicators of employee wellbeing and subsequently, determine the most appropriate types of visualisation based on the dataset for the project (see Dataset and description of dataset).
2 Learn	2 hr	Share any relevant online resources and tutorials of how to use Adobe XD with the student groups.
3 Create	2 hr	Instruct each team to use the provided employee dataset and leading wellbeing indicators and to create the data visualisations within Excel.
4 Evaluate	1 hr	Provide teacher feedback to each project team on the appropriateness of the visualisations.
5 Create	8 hr	Allow time for students to work together in their team to implement feedback to improve or review their visualisations, before creating the interactive analytics dashboard prototype using Adobe XD. (links to tutorials exporting data from Excel to XD).
6 Share	15 mins	Provide instructions to each team regarding how to share their dashboards with other teams.

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