

Monday: Project Management with JIRA

Agenda

5 min: Introduction and Overview

40 min: Suggested Readings

75 min: Jira Challenge

Specific Learning Outcomes

Below are the specific learning outcome for this session:

1. Understand what JIRA is, benefits of JIRA and how to use JIRA.
2. Use JIRA as a team member - creating, working on and searching for issues, customizing dashboards etc.
3. Administer projects in JIRA - create users, groups, set permissions, configure issue types, screens, fields, workflows etc.

Overall Learning Outcome

The overall learning outcome for this session is as follows:

1. Manage a team deliverable using a standard project management tool.

Overview

JIRA is a very comprehensive tool and one of the most popular agile project management tools used by Data Scientists and developers. It is widely used as an issue-tracking tool for both team members and project leads. This session has been prepared to introduce us to the fundamental features, usage and advantages of JIRA.

Suggested Readings

- Project Management with JIRA: Introduction. [[Link](https://docs.google.com/document/d/16UNG7Nsr0bDeQ2eMtSAfdpUfnR4btyEoPZRGzGjNcC8/edit?usp=sharing) (<https://docs.google.com/document/d/16UNG7Nsr0bDeQ2eMtSAfdpUfnR4btyEoPZRGzGjNcC8/edit?usp=sharing>)]
- 31 Kanban Board Examples for Different Teams. [[Link](https://kanbanize.com/kanban-resources/kanban-software/kanban-board-examples/) (<https://kanbanize.com/kanban-resources/kanban-software/kanban-board-examples/>)]

JIRA Challenge

- During your Independent Project for this week, you will be required to manage project using JIRA. We will start working towards this today by creating and managing on your project using the CRISP DM Guide that we learned in our previous week. [[Link](#)]

https://drive.google.com/a/moringaschool.com/file/d/1rdNSTG9BW_M8ke155GIE6j1kygW3iApU/view?usp=sharing]

- While managing our project, we will be required to invite our Technical Mentor by adding them to the project then using the given standard workflow provided by JIRA (i.e. Backlog, Selected for Development, In Progress, Done).
- We should also note that we will not be required to work on our Independent Project (IP) for this week while working on this assessment. Instead, our IP will be worked on Friday.
- NB: We will use the trial version of JIRA for this challenge. An academic license will be made available for future projects.
- Bonne Chance!

“Think analytically, rigorously, and systematically about a business problem and come up with a solution that leverages the available data.” – Michael O’Connell