Introduction
Project risk management is an essential part of project management.
Underestimating risks costs companies $62 million.
Currently, managers conduct risks manually.

Methodology
First, we created six sample projects of reference. Using one of the popular project management tools.
Second, we used the project examples to generate a vast number of good and bad examples.
Third, we implemented a proof of concept to use supervised machine learning technique by running the code 100 times to get the average accuracy score.

Results
According to the experiment, we discovered that the machine learning model was 94.5% accurate after running the algorithm 100 times. By having an average accuracy score of 94.5%, we came to the conclusion that machine learning does help with conducting risk assessments.

Conclusion

Objective
Our objective is to see if Machine Learning can help project managers conduct risk assessments with their projects.

Machine learning is the study of artificial intelligence that performs tasks similar to how humans would solve problems.

In Machine learning, we split the dataset by 70% training, and 30% testing.

An example of creating a project dataset from JIRA.

Confusion Matrix of results

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