



T.C.
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FACULTY of ENGINEERING
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Data Science

Title of the Project
Predict Critical Situation

Group Members

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Predict Critical Situation

We are using the company's bug report data in our project and our aim is to estimate the priority order of the incoming errors using Issue type , employee type and worker. If critical situations are not entered as the correct value or if they are not detected as critical situations, it can cause big problems inside or outside the company.

That's why priority is the target label for us. We will reserve 20% of the dataset for testing and We will set aside 80% for training. We decided to use decision trees in this application because there are too many nominal values in the project.

Data Statistics

Class Labels: Issue Type, Employee type, Worker. Type of All Labels are nominal.

Target Label (Column): Priority (Nominal).

We reserved 20% of the dataset for testing. We set aside 80% for training.

We will use the remaining lines for training.