

# Building a Simple Classification Model

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**Janani Ravi**

CO-FOUNDER, LOONYCORN

[www.loonycorn.com](http://www.loonycorn.com)

# Overview

**Exploring and visualizing the dataset**

**Preprocessing data to fit ML models**

**Building and training a logistic regression classifier**

**Calculating accuracy, precision, and recall**

**Defining helper functions to build classification models using different algorithms**

# Demo

**Getting set up with scikit-learn on the local machine**

Demo

**Exploring the Titanic dataset for  
survival prediction**

Demo

**Training a logistic regression classifier**

# Demo

**Calculating accuracy, precision and recall of the classifier model**

# Demo

**Defining helper functions to train and evaluate classifiers**

# Summary

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