Day 3 Labs

1. Orange Lab (done together as a class)

Open Orange

Drag the File widget onto the canvas

Click the widget and load the .csv dataset

Types of data in the Titanic Dataset- Name, Age, Sex, Ticket Class, Survivor or Not a Survivor

Connect File to Data Table and Distribution Widgets

Explore the data-

How many passengers?

How many people survived?

Train a model

Add Logistic Regression or Random Forest widget

Add a Test & Score widget

Connect File to Selected Columns to model to Test and Score

Orange will calculate the accuracy and precision of the data

Was the model good?

Add the Predictions widget

Connect the Predictions widget to the model and data

Check predictions for passengers

Did the model guess correctly who survived?

Who survived the most – males or females?

1. Train AI

<https://teachablemachine.withgoogle.com/>

1. Elements of AI

Students will complete Elements of AI independently  
<https://buildingai.elementsofai.com/>

1. Tinker with Neural Network

<https://playground.tensorflow.org/>