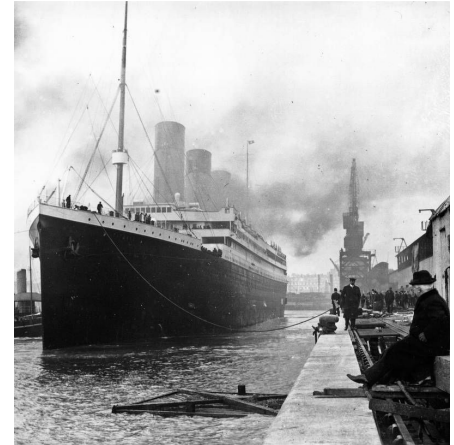Quebec Artificial Intelligence Institute

Mila

Tutorial : Categorical data with multilayer perceptron (MLP)

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MLP Tutorial

- Task: predict whether or not a passenger survived the Titanic disaster based on passenger data only.

- Goals:
  - identify and preprocess the relevant features for the task,
  - define a multilayer perceptron model,
  - train the model and analyze the results.

- Keywords:
  - categorical data, multi-layer perceptron, binary classification, overfitting, checkpointing.

Source: Wikimedia commons