

# Machine learning applied to paper tube resistance

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# Problem

## Features

- ▶ Humidity
- ▶ Internal radius
- ▶ External radius
- ▶ Paper quality

## Objective

Predict **resistance** value.

## Data samples

- ▶ Samples = 12000
  - ▶ Training examples = 7200 (60%)
  - ▶ Cross validation examples = 2400 (20%)
  - ▶ Test examples = 2400 (20%)

# Data inspection

