

# Online Training

## Data preparation for Machine Learning

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### COURSE DESCRIPTION

Machine Learning is not all about algorithms – a large part of the process is about data preparations. Through this training course participants will gain answers to the following questions:

- What are the various steps in preparing a data set for machine learning?
- What is feature engineering and why is it so important?
- What should your data set look like when starting ML Algorithm building?

### COURSE CONTENTS

#### Introduction to data preparation

- What should your dataset look like?
- What are the three types of data you will be considering:
- Joining your data to other data sets

#### Introduction to feature engineering

- What is feature engineering
- Why is it important?
- What a few simple feature engineering methods?

#### Practical example of data preparation using Excel

### METHODOLOGY

The training approach will be a combination of trainee centric teaching and active (participatory) learning, and based on the trainers experience.

### DELIVERY PLATFORM:

Online via Zoom

### DATE AND TIME

21<sup>st</sup> January 2020, 9-11am (Central African Time)

### TARGET GROUP

- Junior, and mid-level employees working in Risk, Credit and Strategic management departments.

### PREREQUISITE

- Participants should have basic knowledge of structured data and use of Excel.