

MACHINE LEARNING

Task 1: Data Visualization

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Task 1: Overview of the Dataset

How many samples and features are in the dataset ?

Samples: 2160

Features: 423 (Without counting participantNr and sampleNr as features)

`df.describe()`

What are the feature data types ?

float64

Are the gestures balanced ?

Yes, the gestures are balanced the dataset contains 270 samples for each of the 9 classes

Task 2: Visualizations

Task 3: Calculations

Task 4: Correlation between gesture lengths

Task 5: Vectorized commands