

# Intro to Machine Learning

TOTAL POINTS 15

1. Supervised learning deals with unlabeled data, while unsupervised learning deals with labelled data.

3 points

- ☐ True
- ☒ False

2. Which of the following is **not true** about Machine Learning?

3 points

- ☐ Machine Learning was inspired by the learning process of human beings.
- ☐ Machine Learning models iteratively learn from data, and allow computers to find hidden insights.
- ☐ Machine Learning models help us in tasks such as object recognition, summarization, and recommendation.
- ☒ Machine learning gives computers the ability to make decision by writing down rules and methods and being explicitly programmed.

3. Which of the following groups are not Machine Learning techniques?

3 points

- ☐ Classification and Clustering
- ☒ Numpy, Scipy and Scikit-Learn
- ☐ Anomaly Detection and Recommendation Systems

4. The "Regression" technique in Machine Learning is a group of algorithms that are used for:

3 points

- ☒ Predicting a continuous value; for example predicting the price of a house based on its characteristics.
- ☐ Prediction of class/category of a case; for example a cell is benign or malignant, or a customer will churn or not.
- ☐ Finding items/events that often co-occur; for example grocery items that are usually bought together by a customer.

5. When comparing Supervised with Unsupervised learning, is this sentence True or False?

3 points

In contrast to Supervised learning, Unsupervised learning has more models and more evaluation methods that can be used in order to ensure the outcome of the model is accurate.

- ☒ False
- ☐ True