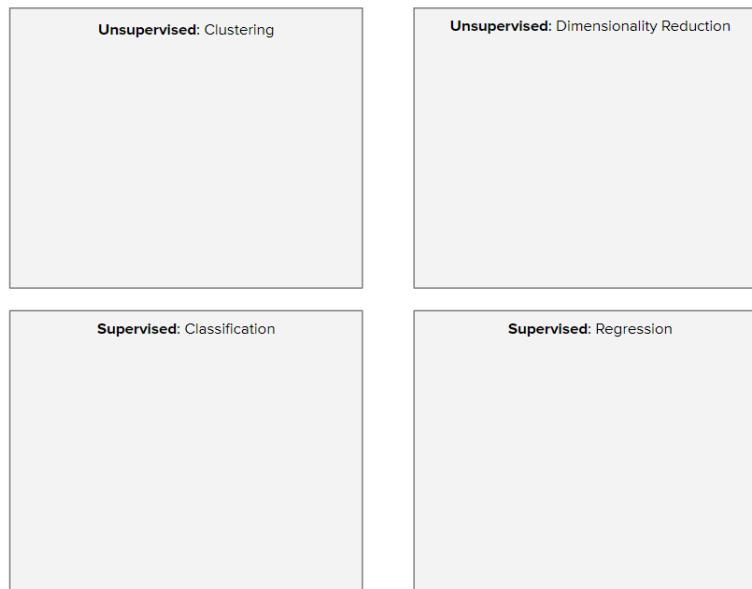




2. After filling in the table, write down where that algorithm lives. Note some supervised learning algorithms can be both classification and regression.



3. Choose one of the supervised boxes, and then make a flow chart below on how you would decide on which algorithm to choose. You will find the table helpful in coming up with questions for the chart (reference the unsupervised examples if needed).

## Model Workflow

4. List out the five steps of an ML workflow:

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Let's say you want to run three models on the iris dataset that uses petal width and length to predict species type.

5. Is this supervised or unsupervised? Is this classification, regression, or clustering?

6. Pick three algorithms that you would like to try on this dataset:

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- 
- 

7. If we wanted to do cross-fold validation, when would we do this?

8. If we wanted to tune each model, when would we do this?

9. For each algorithm you've selected, write down at least one hyperparameter you could tune if you were implementing this using sklearn. For this question, you can look back over slide decks or use sklearn documentation.

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