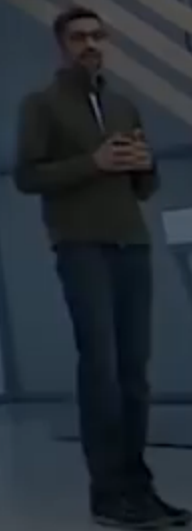


GOOGLE

Mashable

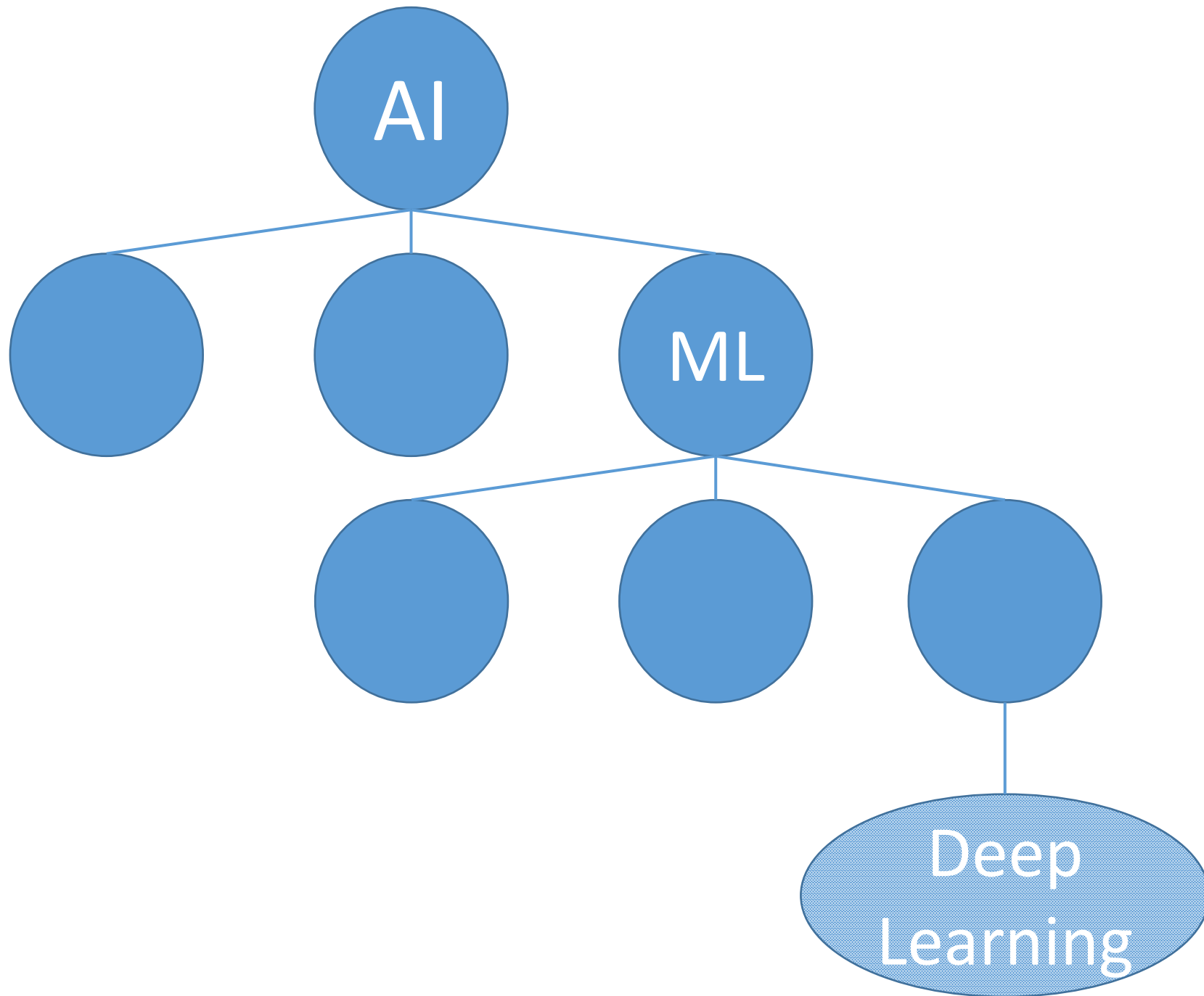


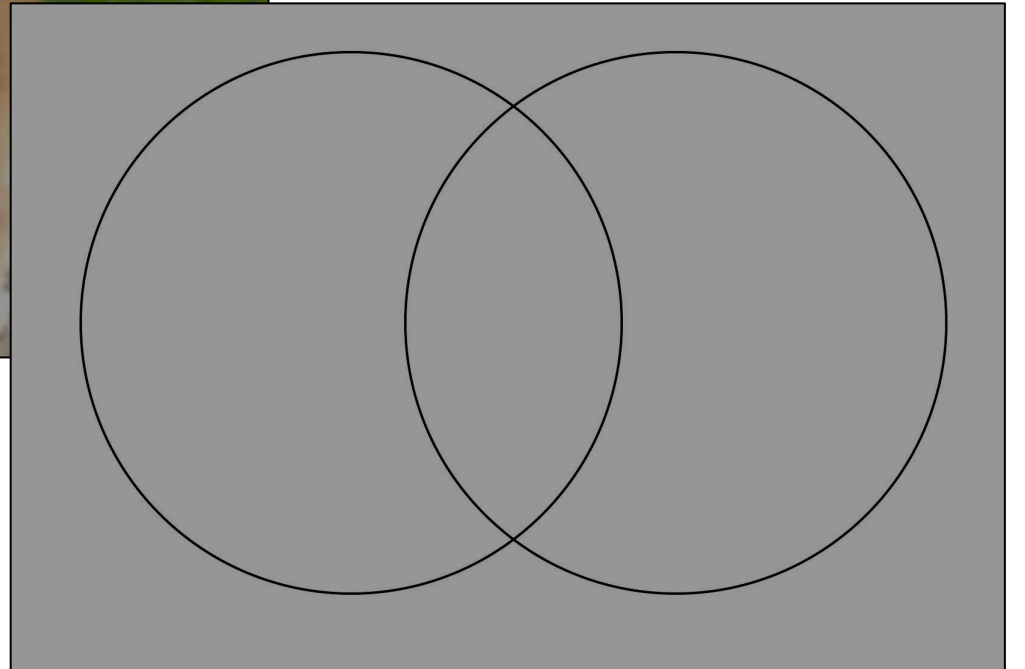
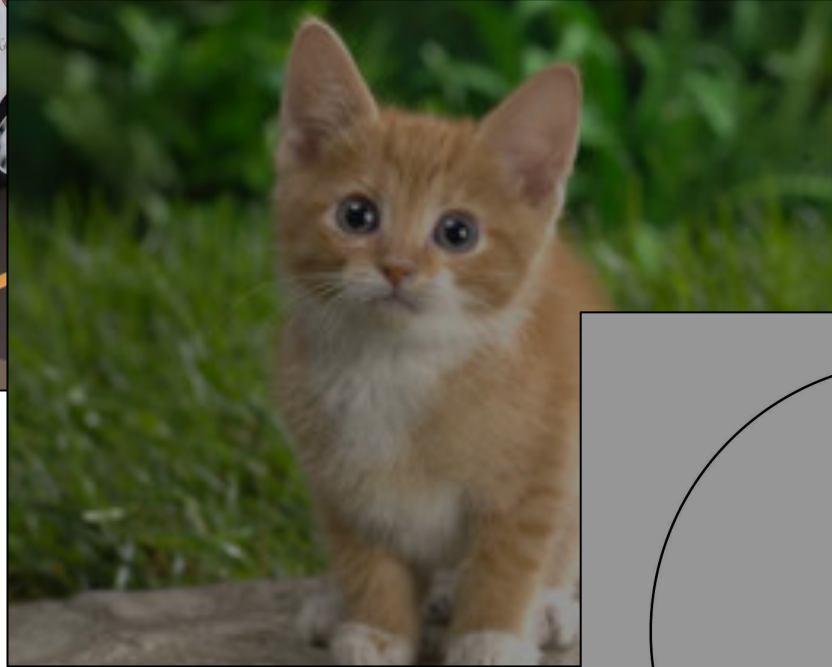
AI 101

By Brandon Leshchinskiy

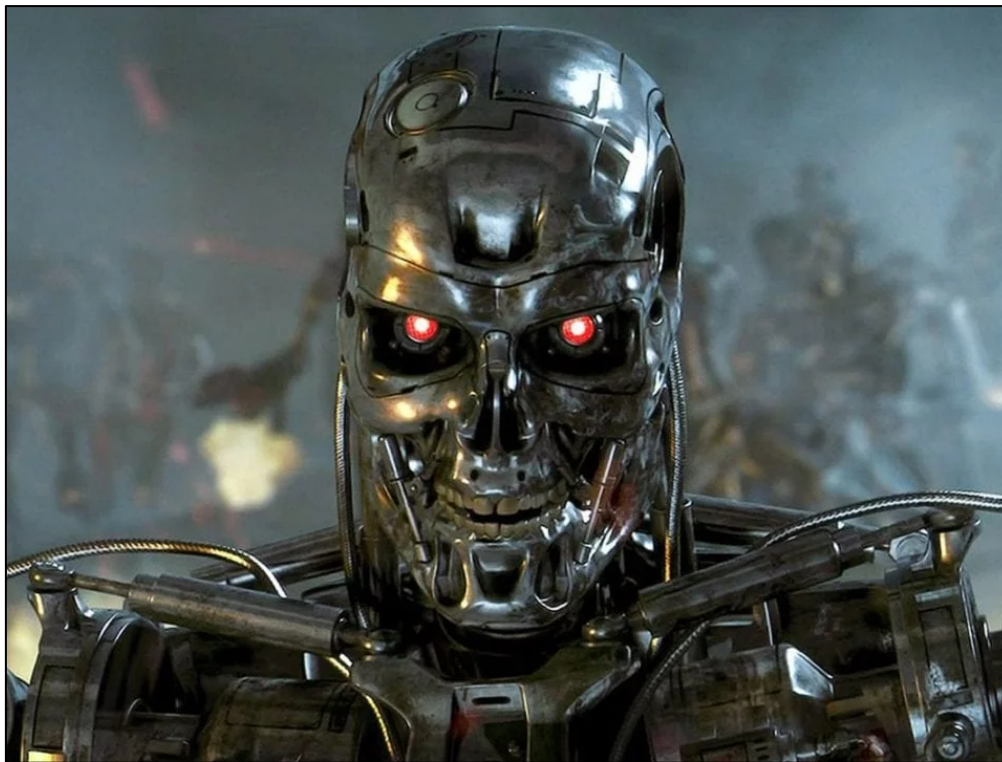
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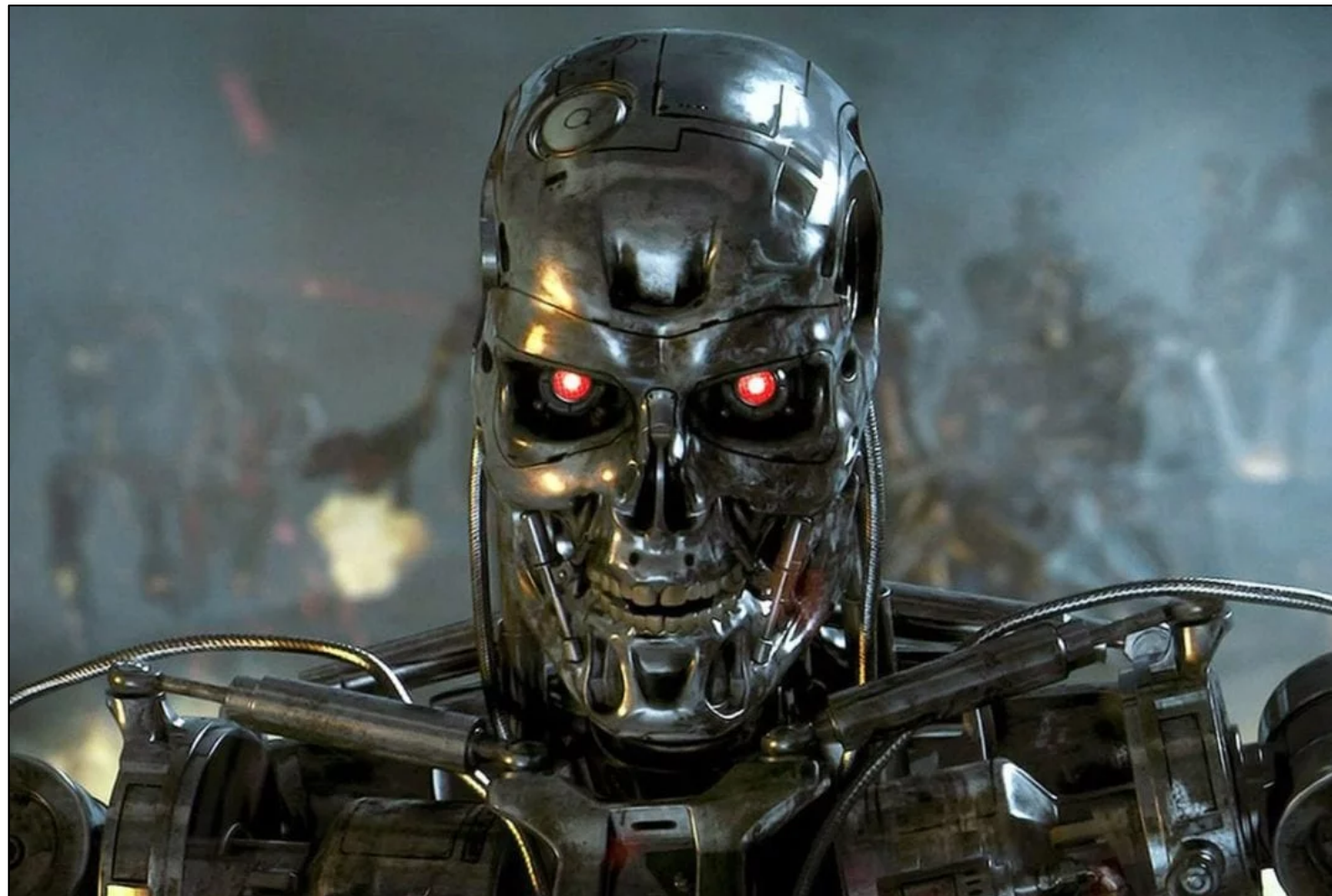




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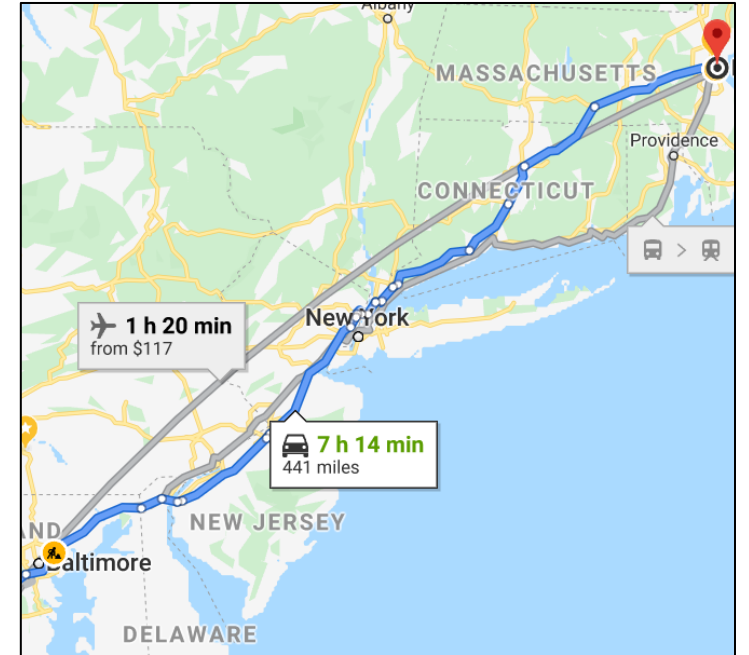
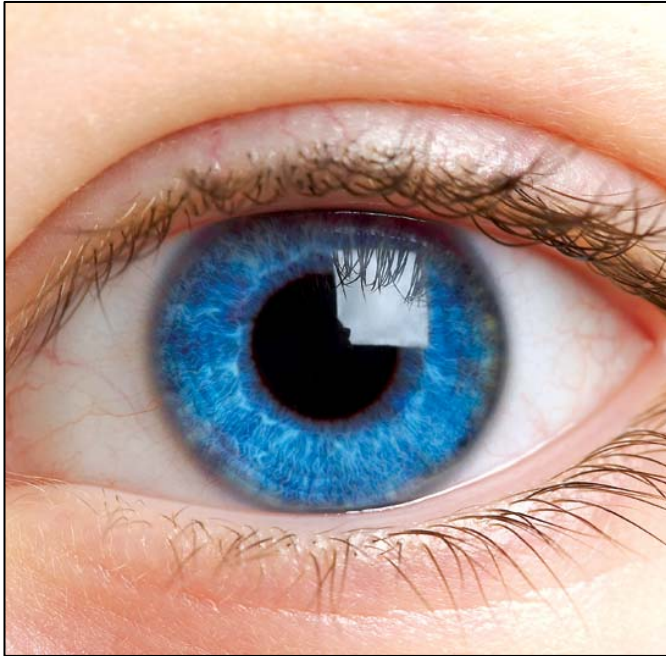
AI can be general or **narrow**.



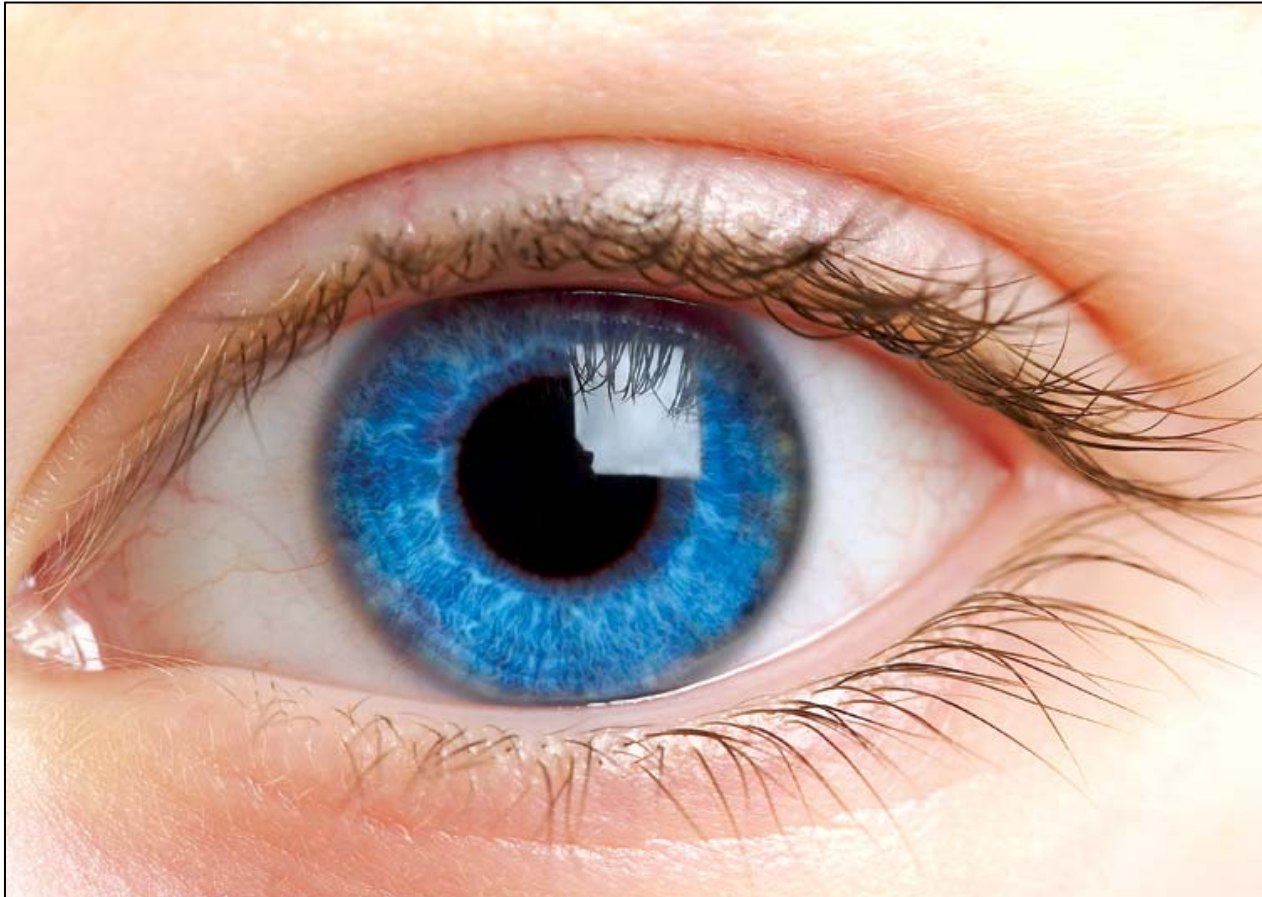
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Typical “narrow” tasks include vision, language processing, and planning.



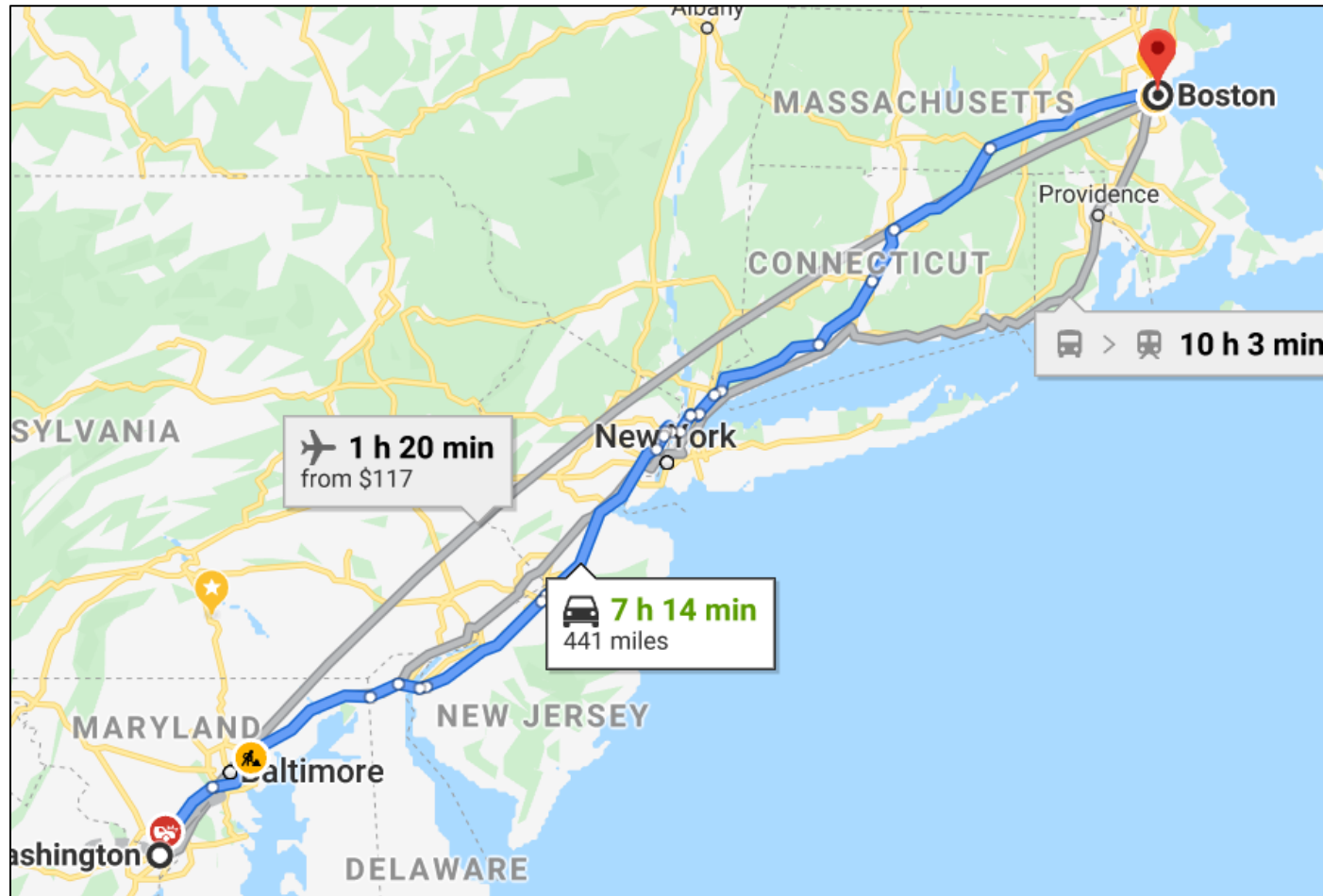
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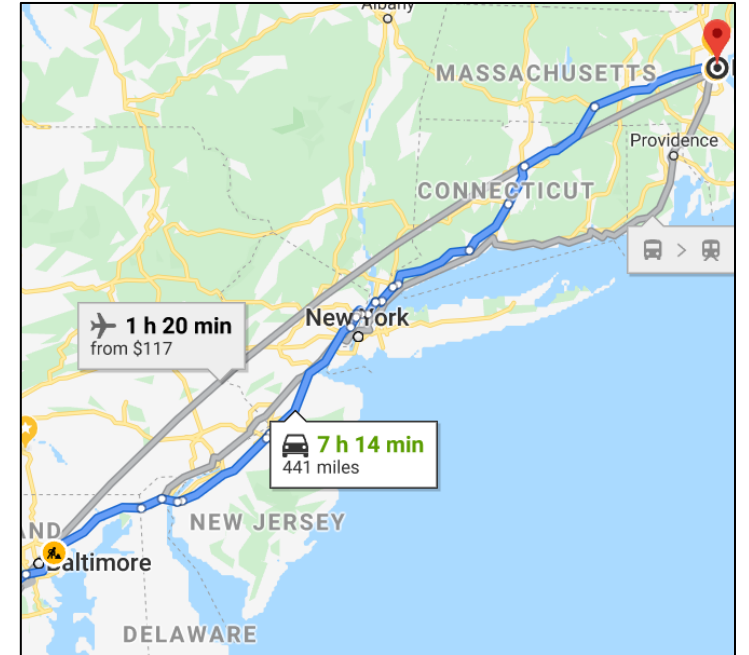
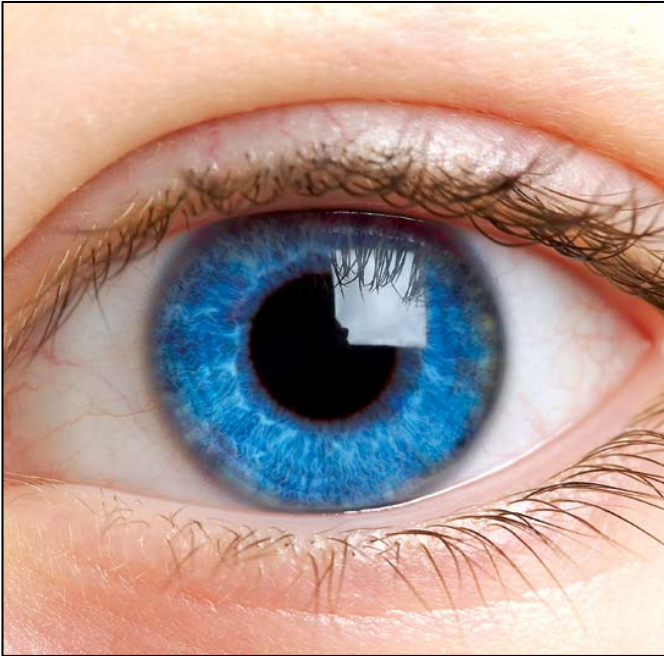
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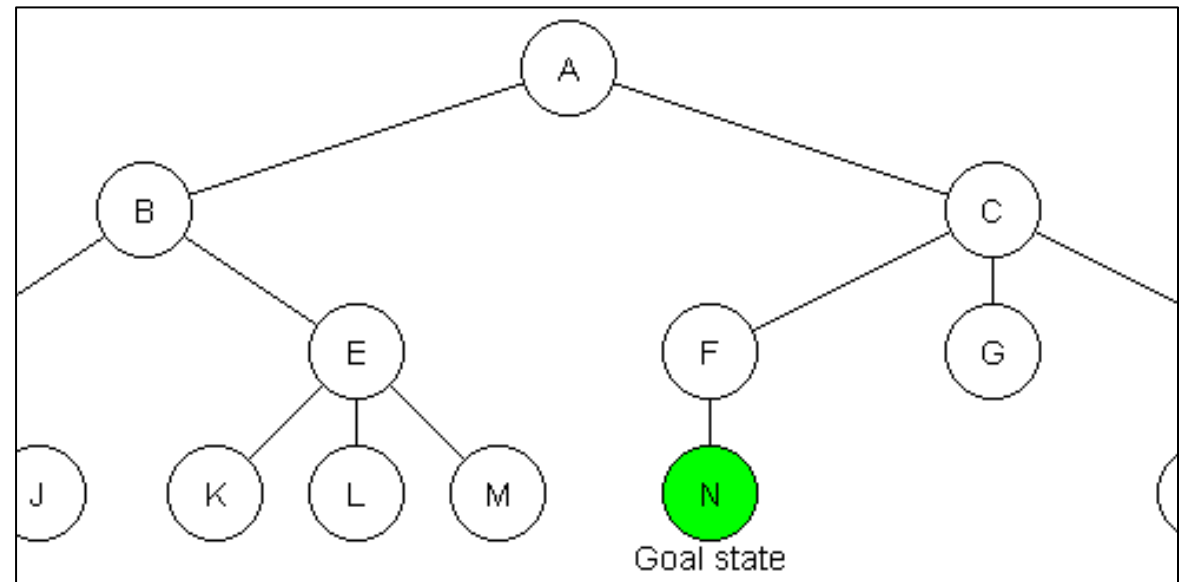
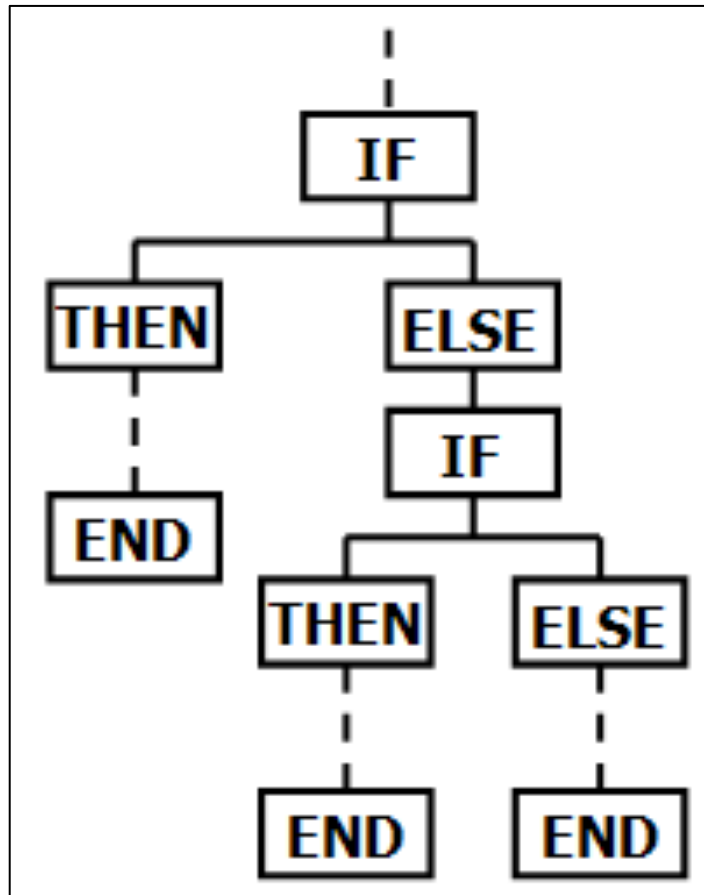
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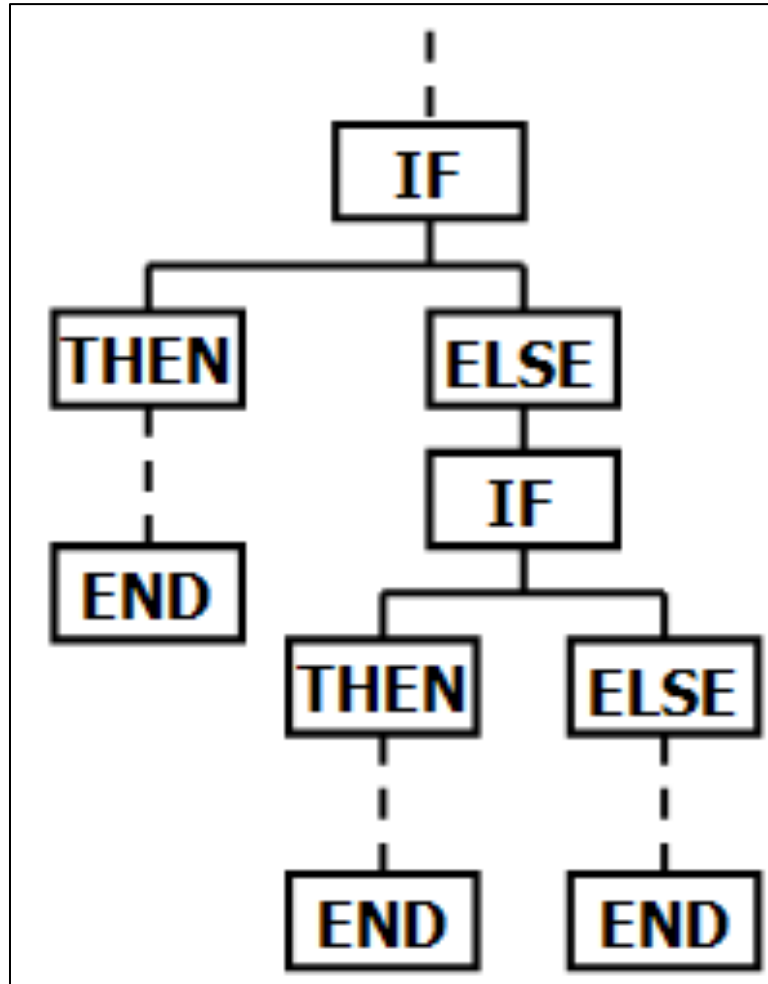
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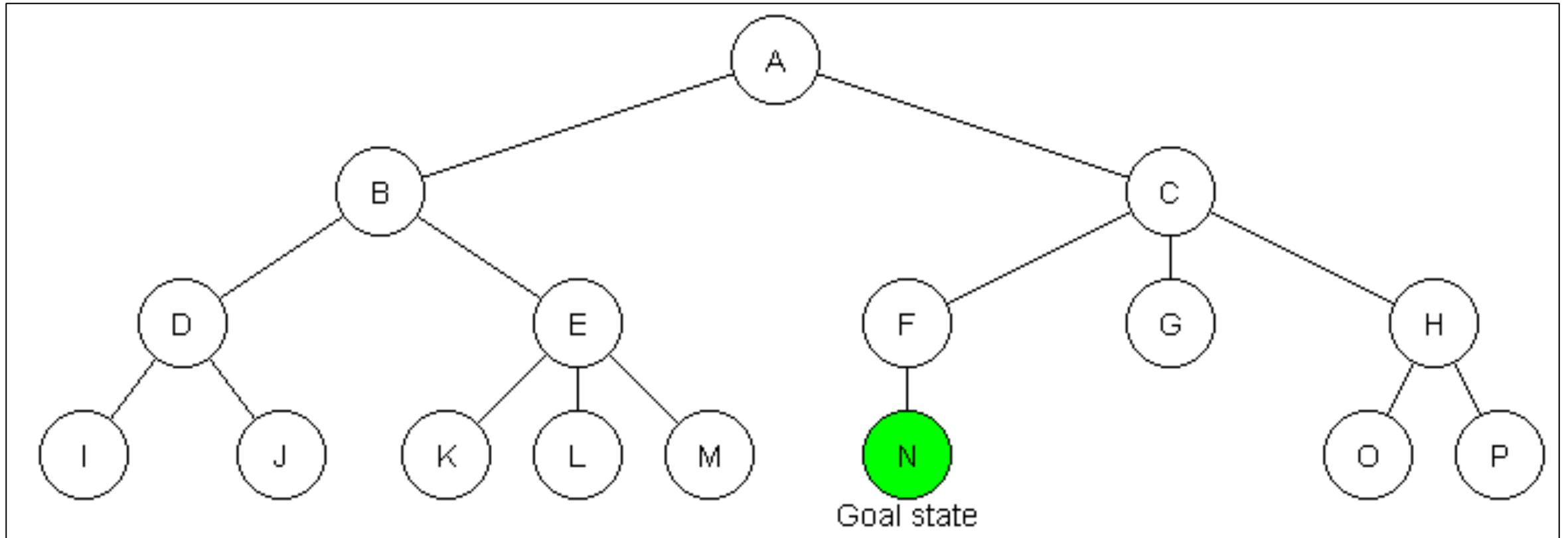
There are many ways to build AI, including expert systems and tree search.



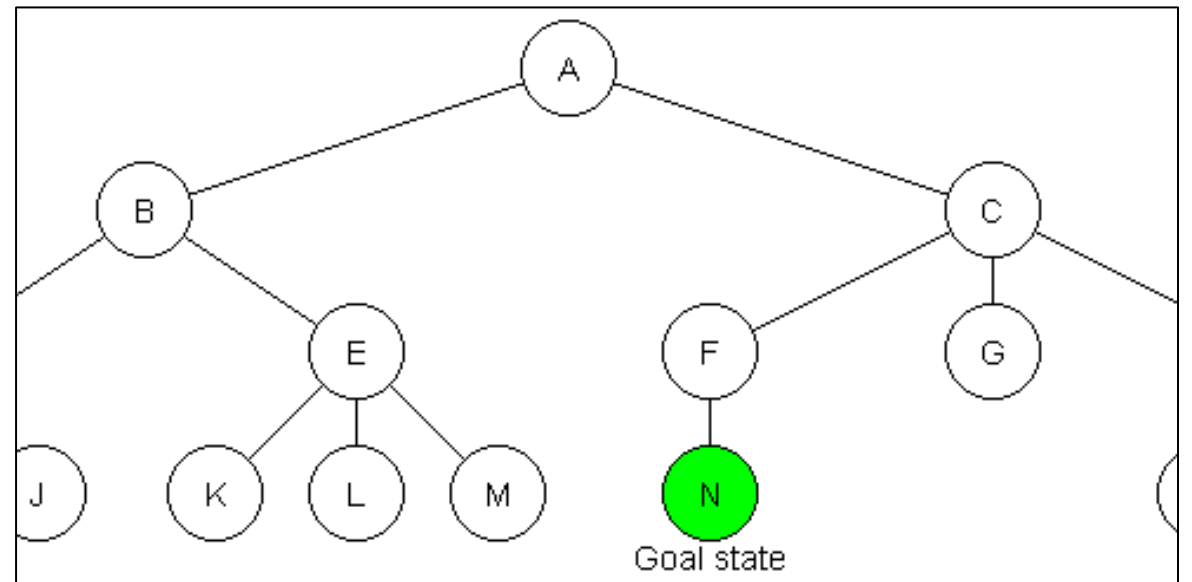
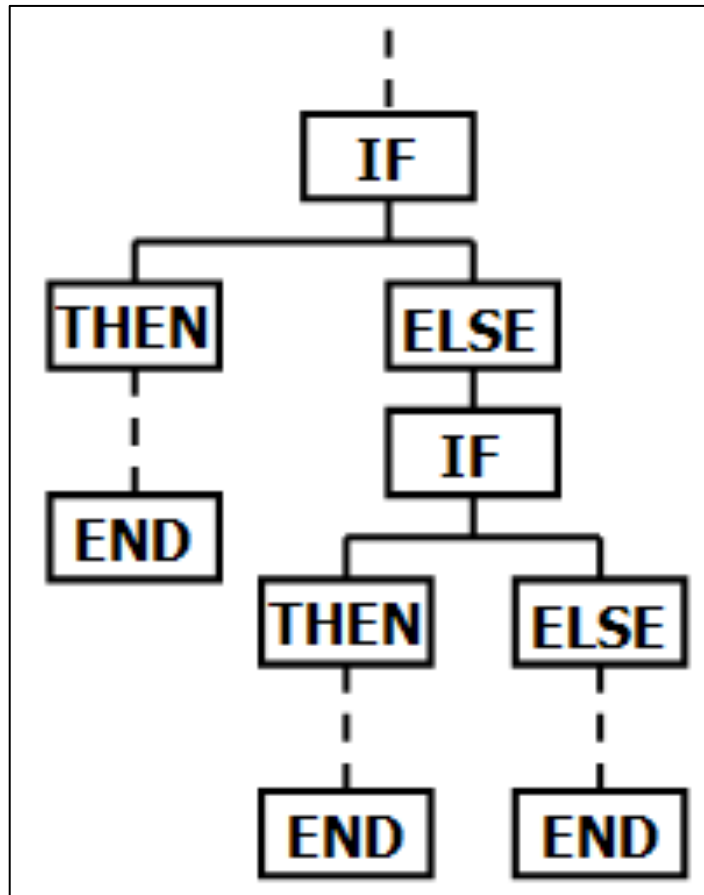
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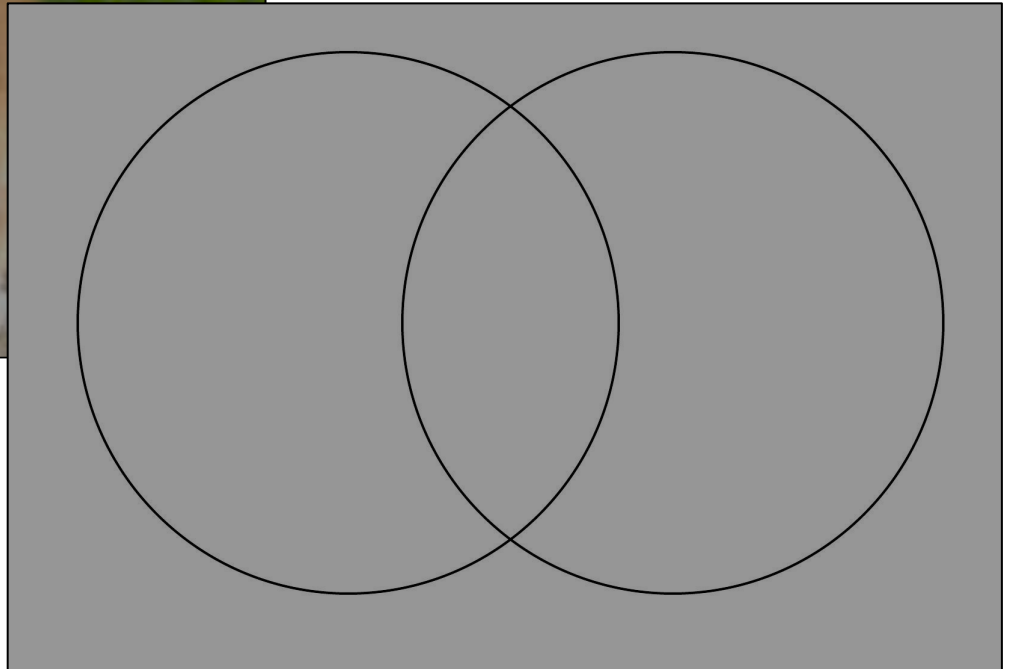


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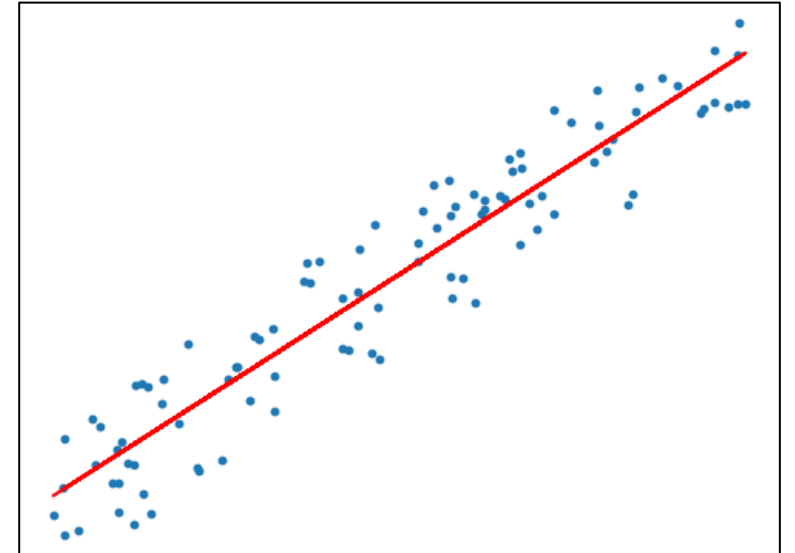
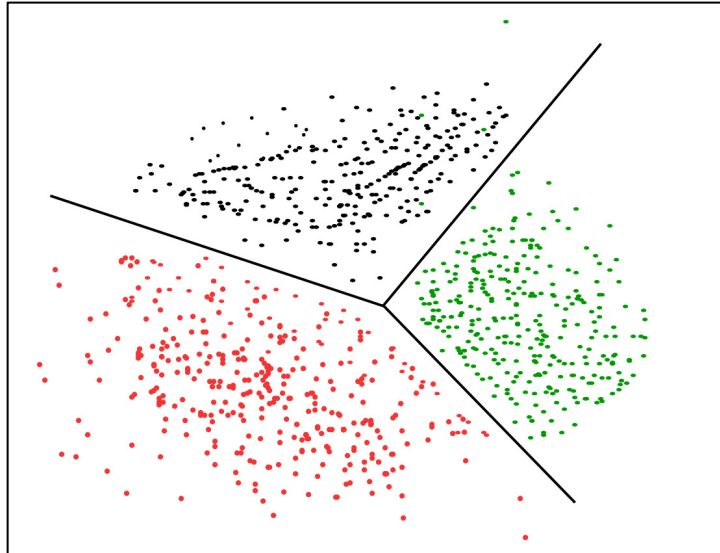




Machine learning can perform many tasks, i.e. classification, clustering, and regression.



CAT

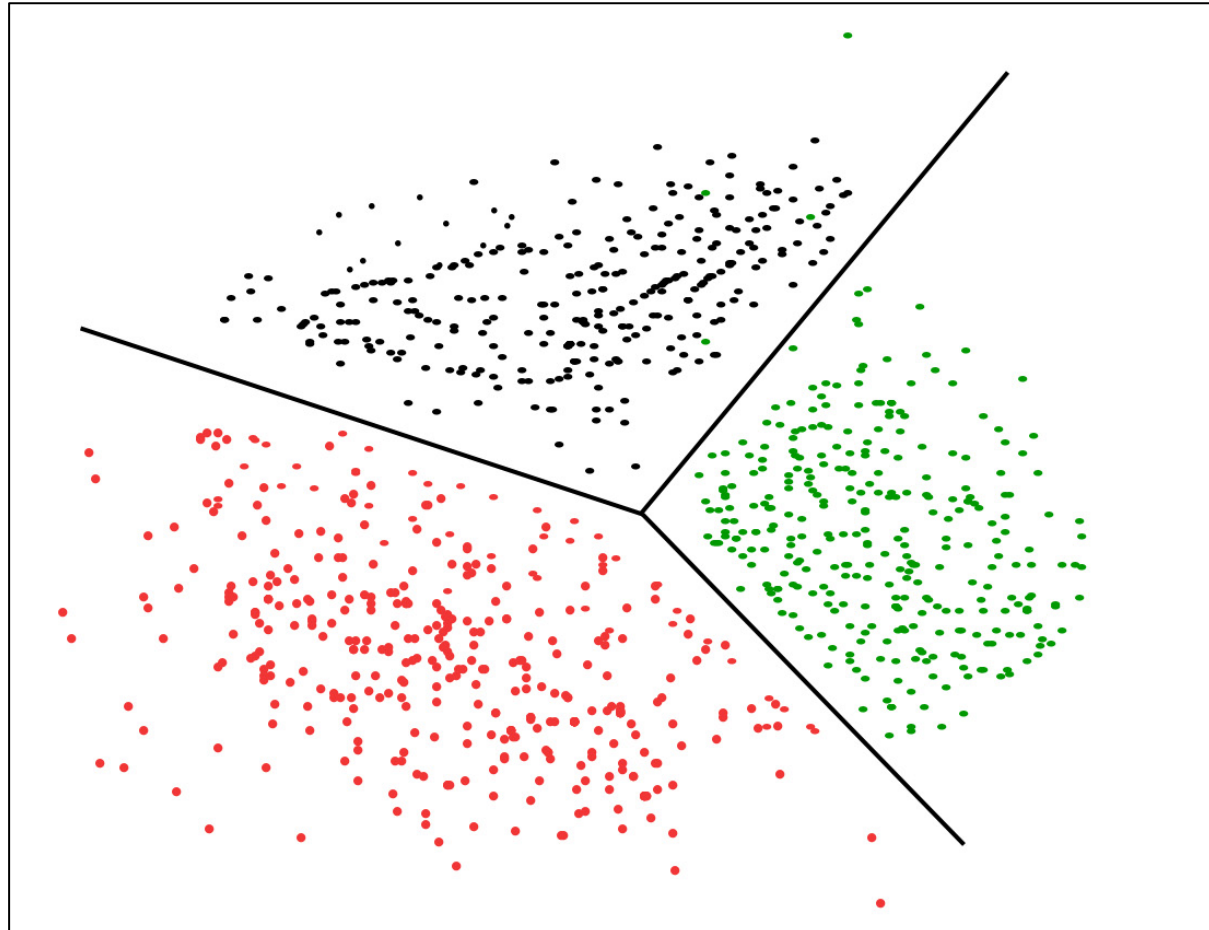


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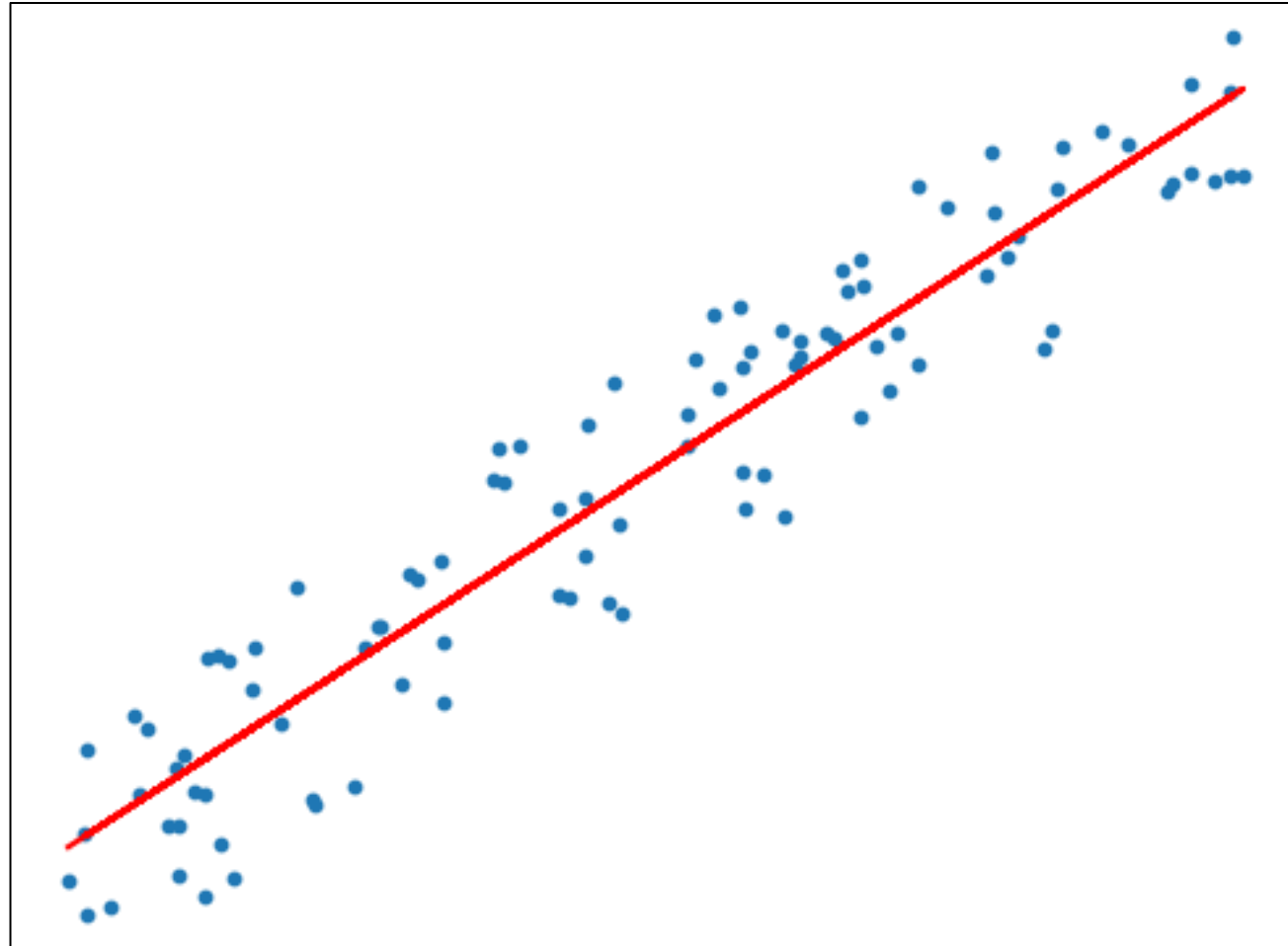


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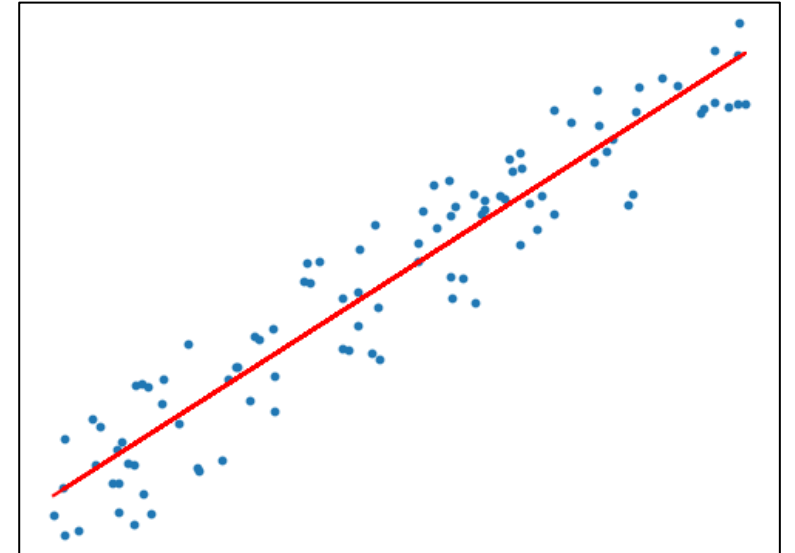
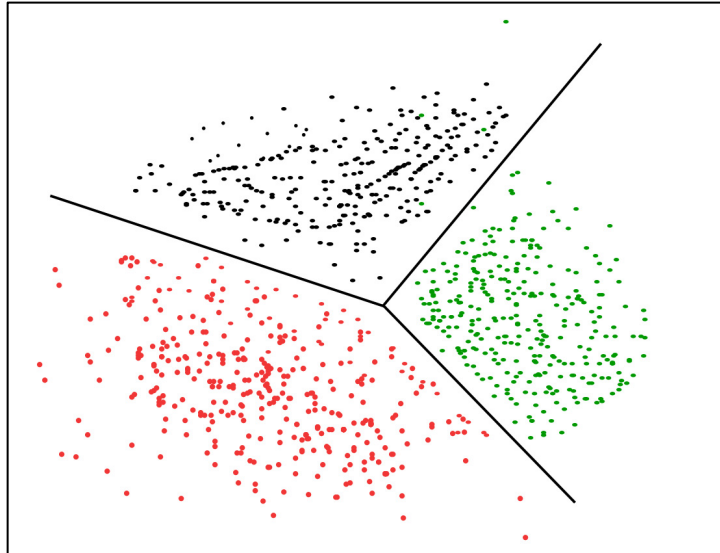
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CAT



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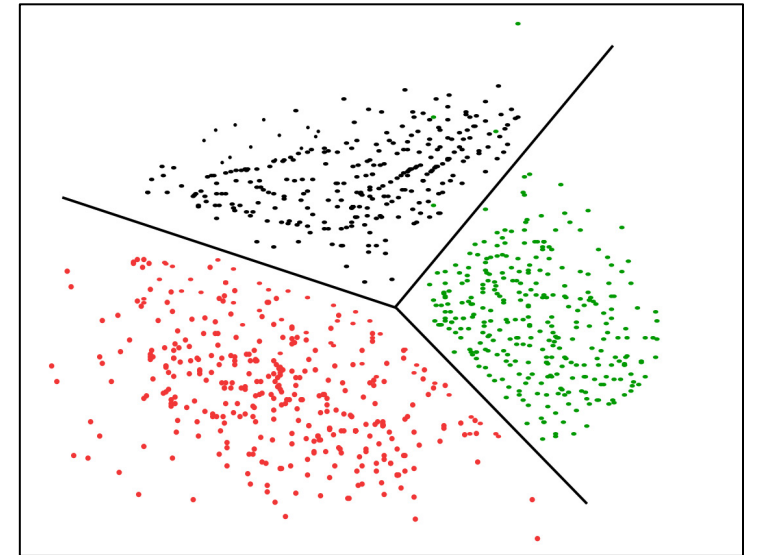


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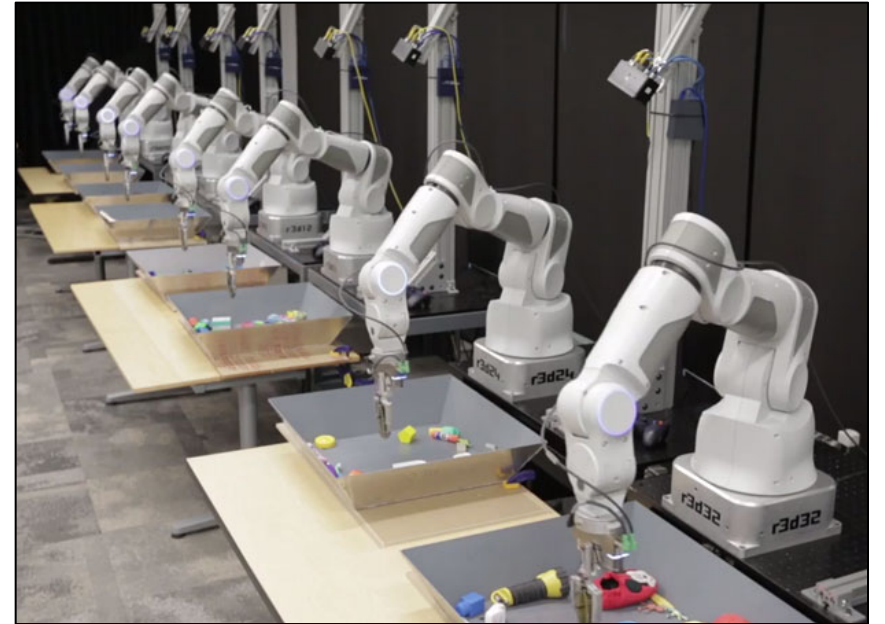


CAT

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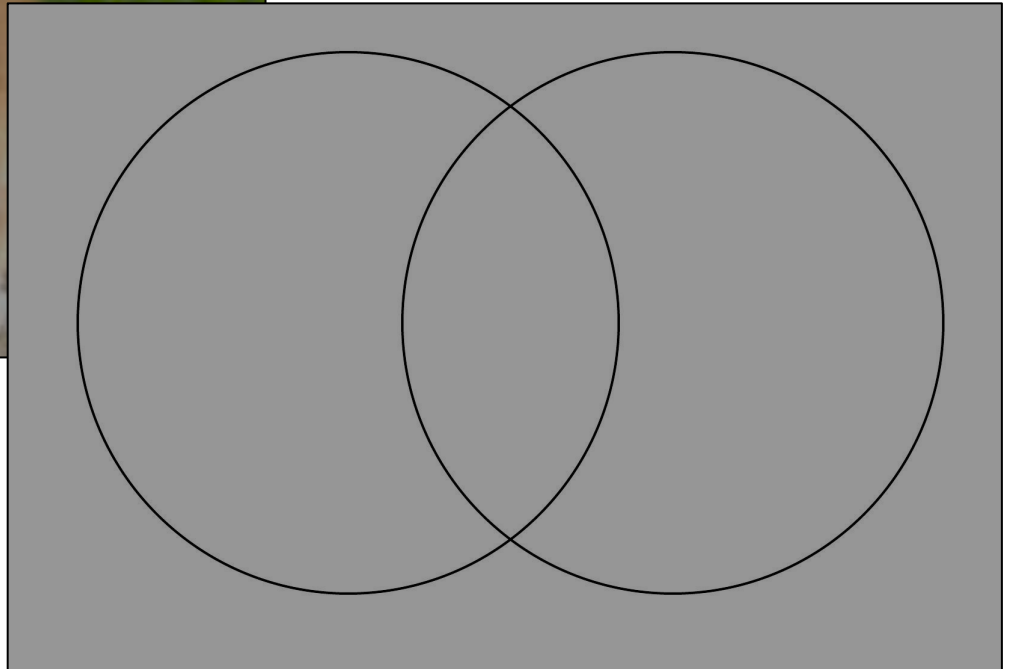


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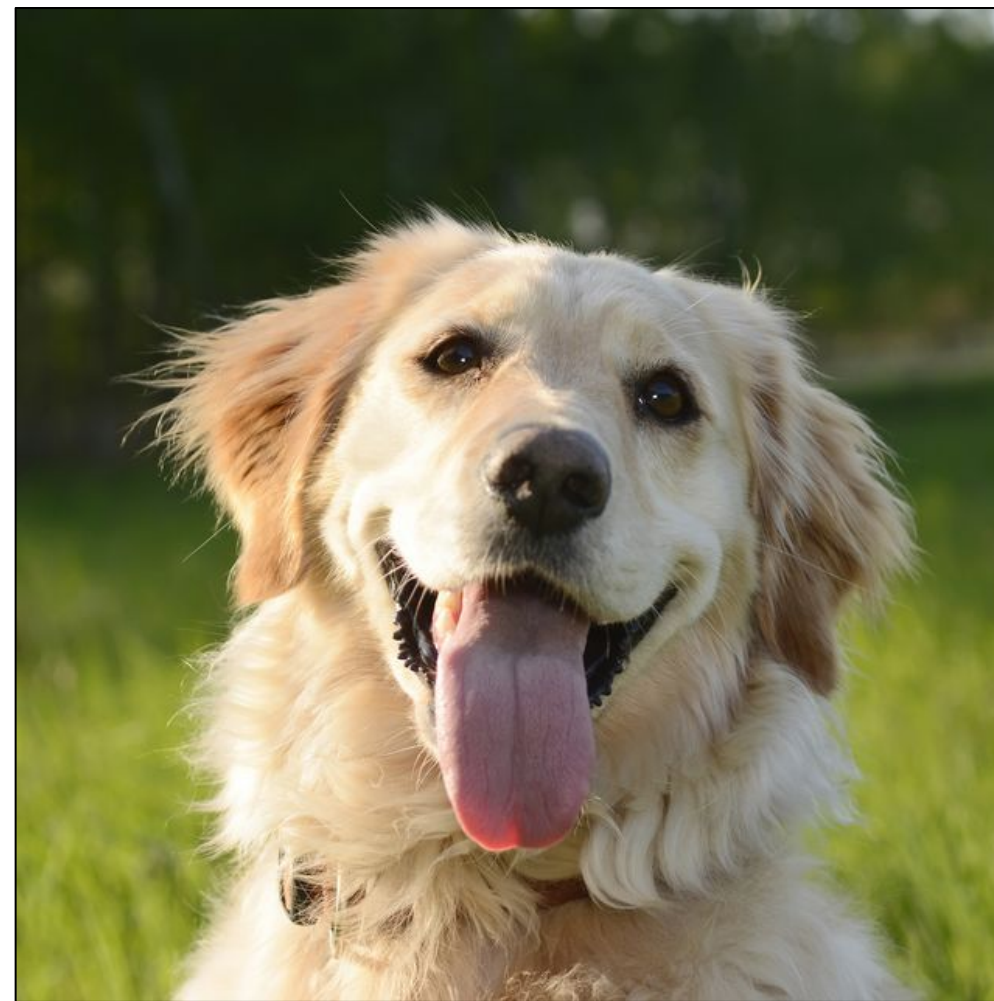




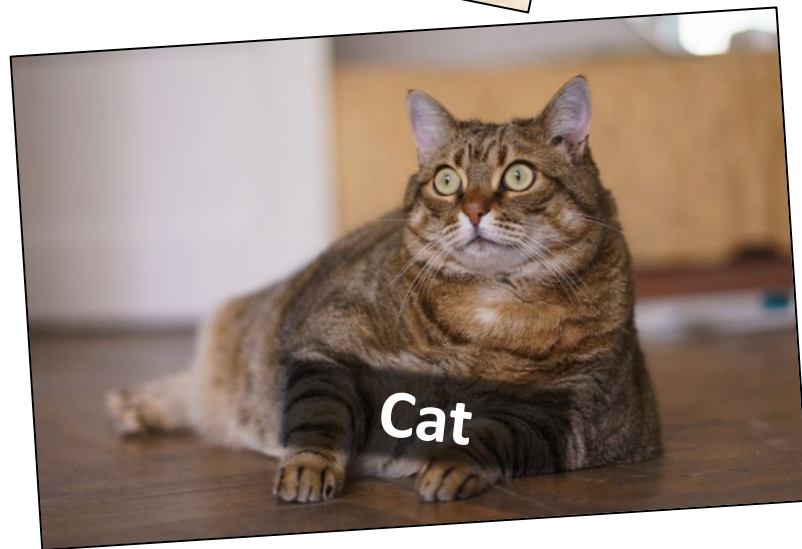
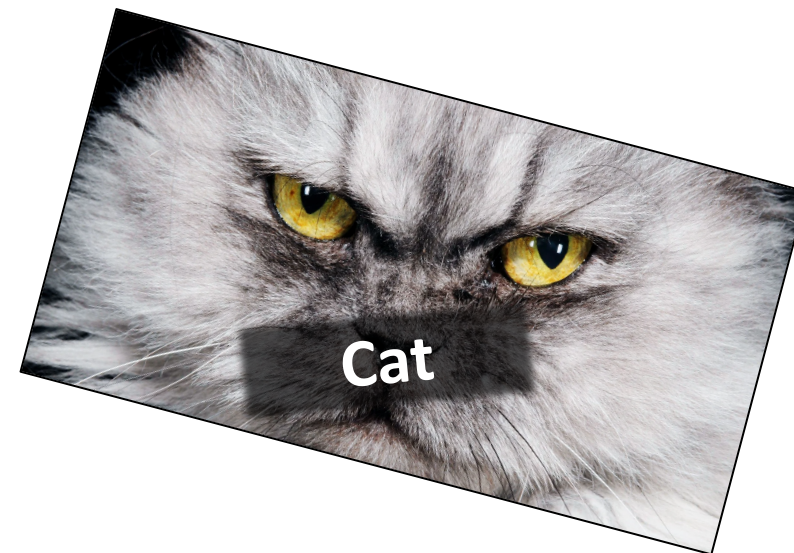
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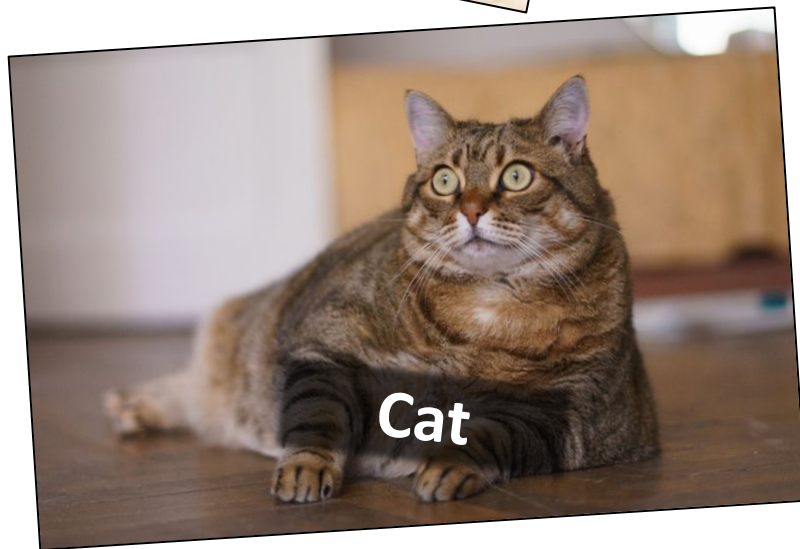
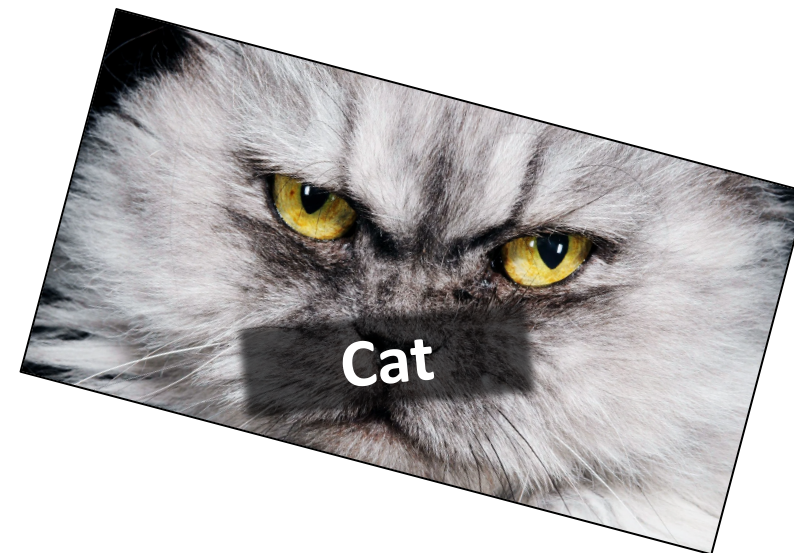
1. Define a problem.



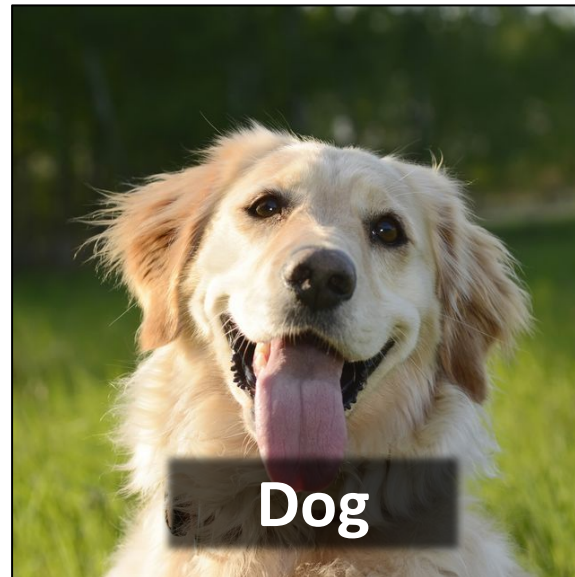
2. Find data.



3. Clean data.



3. Clean data.



4. Choose a model.

Dogs

Always

Sometimes

Cats

Always

Sometimes

5. Train the model.

5. Train the model.

Cat



5. Train the model.

Cat



5. Train the model.

Dog



5. Train the model.

Cat



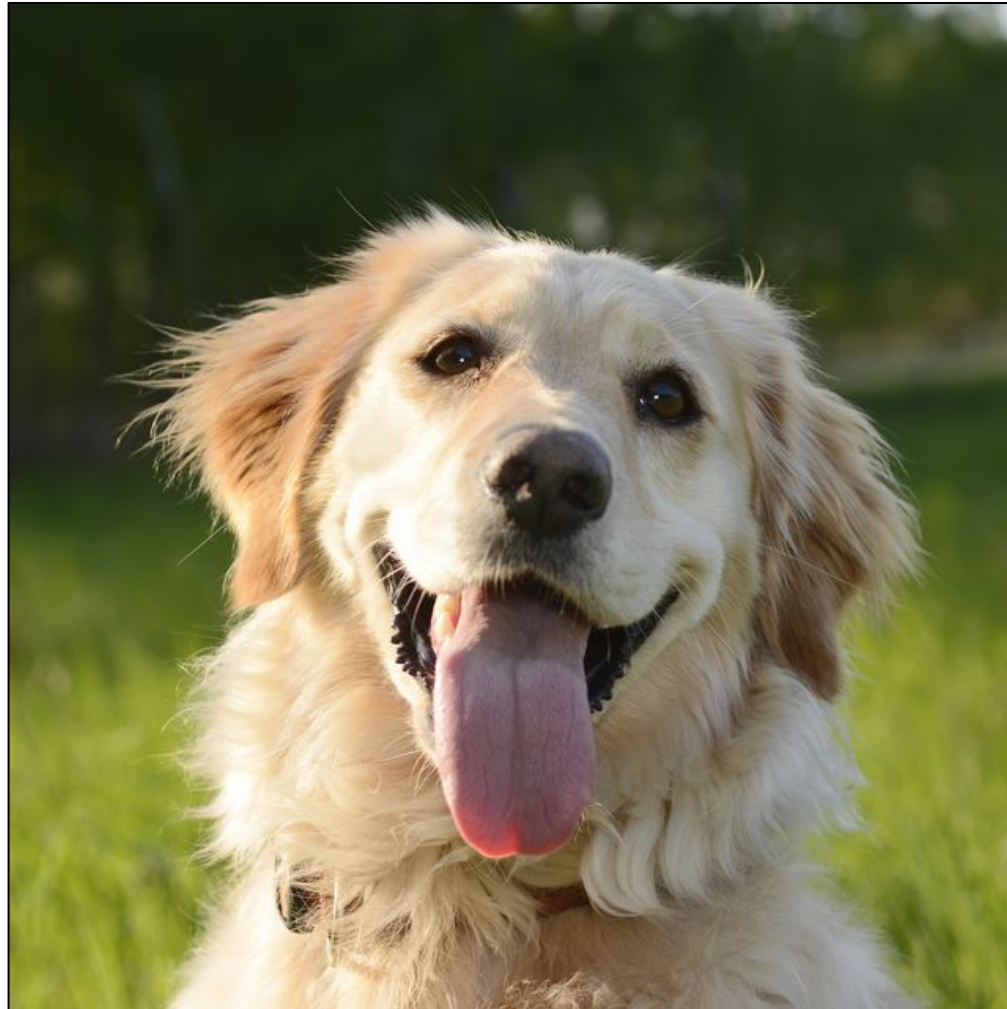
5. Train the model.

Dog



5. Train the model.

Dog



6. Test the model.

Dog

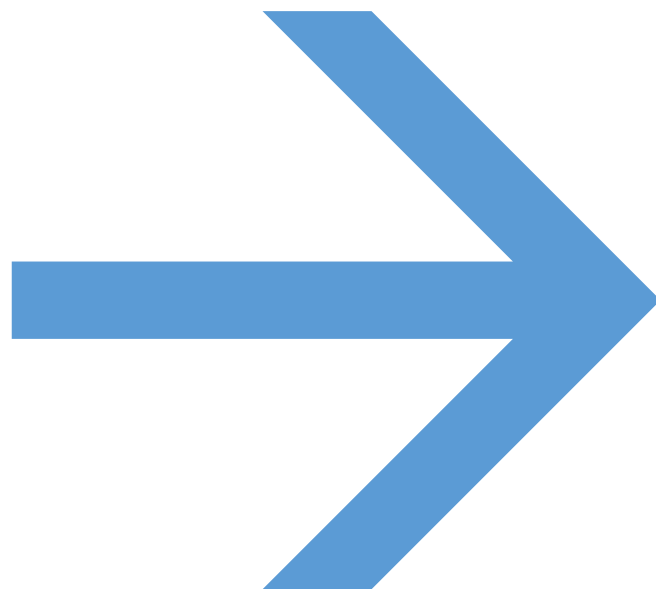


6. Test the model.

Cat



7. Deploy the model.



1. Define a problem.



3. Clean data.



6. Test the model.



Cat



4. Choose a model.

Dogs

Always

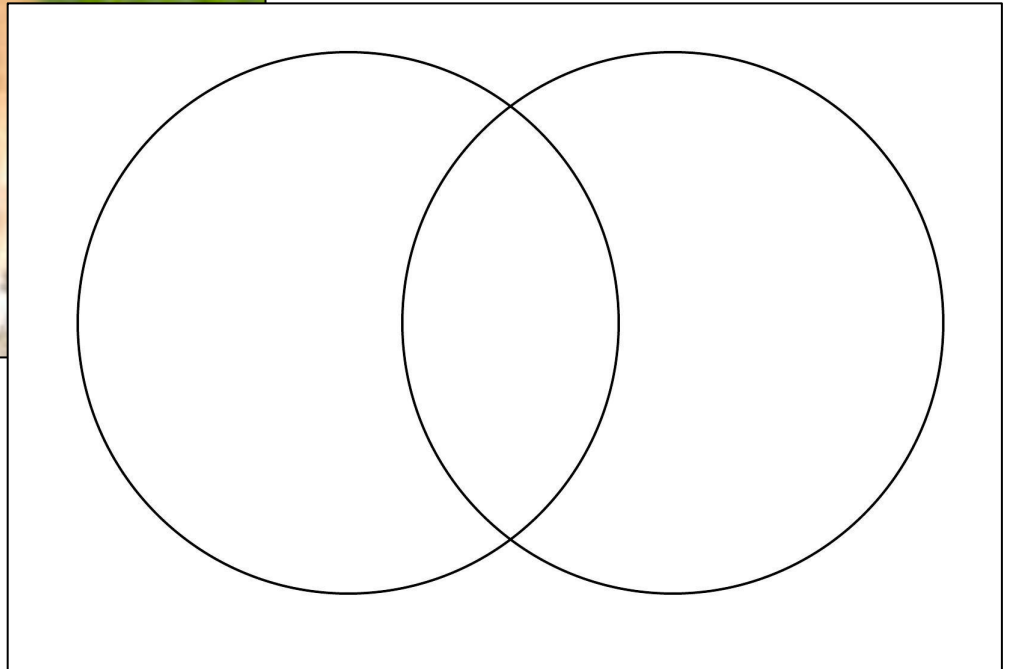
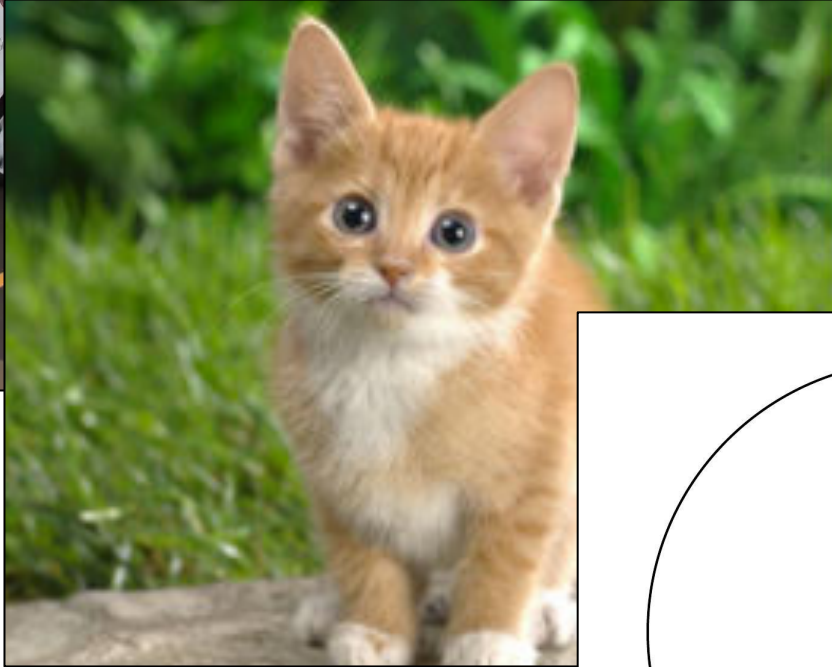
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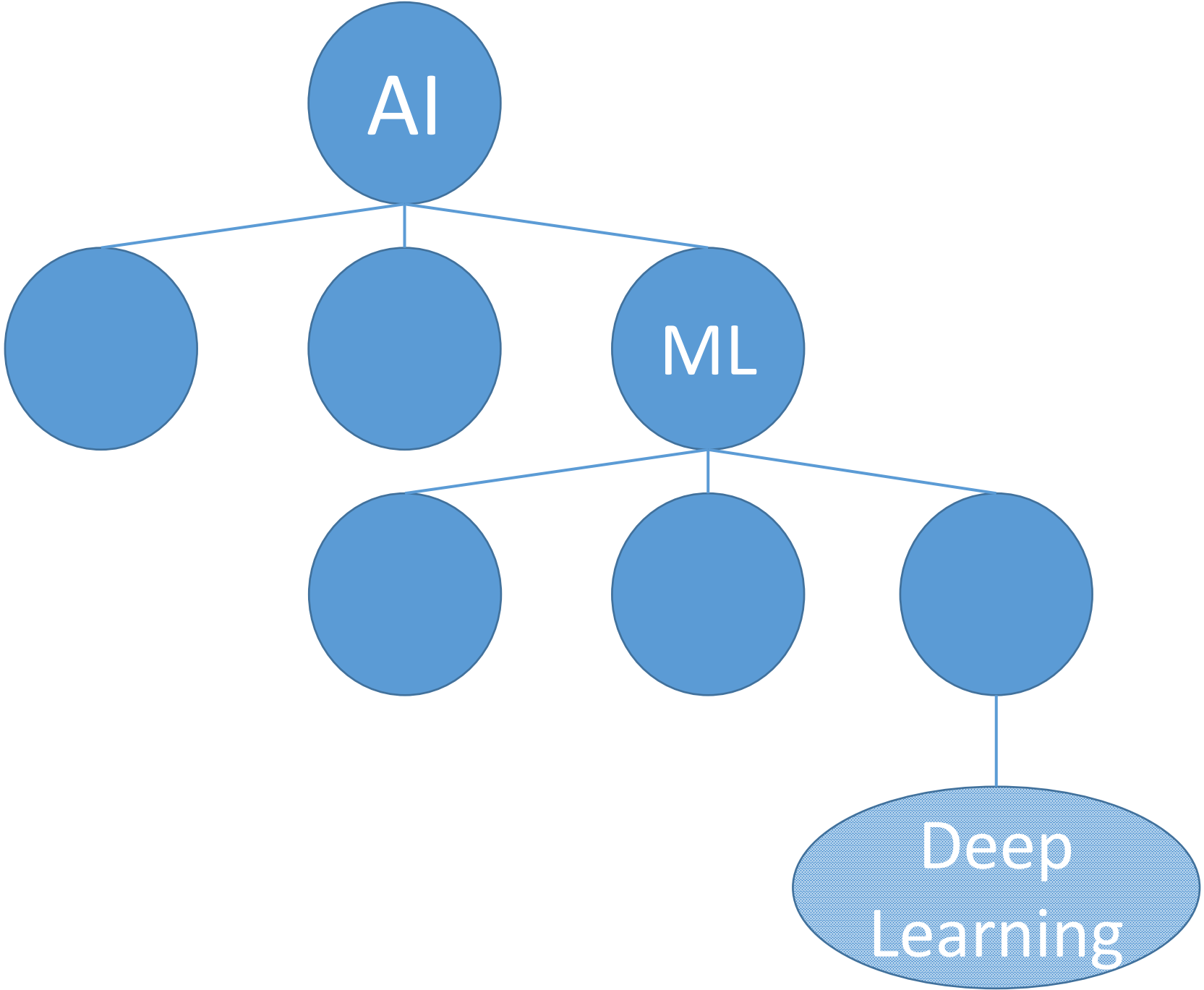
Sometimes

Cat



Walk through steps (part 2: for regression): define problem, find data, prepare data, choose a model, train the model, test the model, deploy the model





1. Goal?

1. Goal?

2. Training data?

1. Goal?

2. Training data?

3. Model?

1. Goal?

2. Training data?

3. Model?

4. Accuracy?

1. Goal?

2. Training data?

3. Model?

4. Accuracy?

AI 101

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1. Goal?

2. Training data?

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