



## A conversation with Andrew Ng

### Functional APIs

#### Using the Functional APIs



**Video:** Declaring and  
stacking layers  
2 min



**Video:** Branching models  
2 min



**Reading:** Learn more about  
the Inception Model  
Architecture  
10 min

### Creating a Multi-Output Architecture



**Video:** Creating a Multi-  
Output model  
4 min



**Reading:** Energy efficiency  
dataset  
3 min



**Video:** Multi-Output code  
walkthrough  
5 min



**Lab:** Multi-output  
1h

### Siamese Network



**Video:** Siamese network: a  
Multiple-Input model  
2 min



**Reading:** References about  
the Siamese network  
3 min



**Video:** Coding a Multi-Input  
Siamese network  
4 min



**Reading:** Reference "The  
distance between two  
vectors"  
3 min



**Video:** Siamese network  
code walkthrough



# Learn more about the Inception Model Architecture

Read more about the Inception Model Architecture ([here](#)).

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