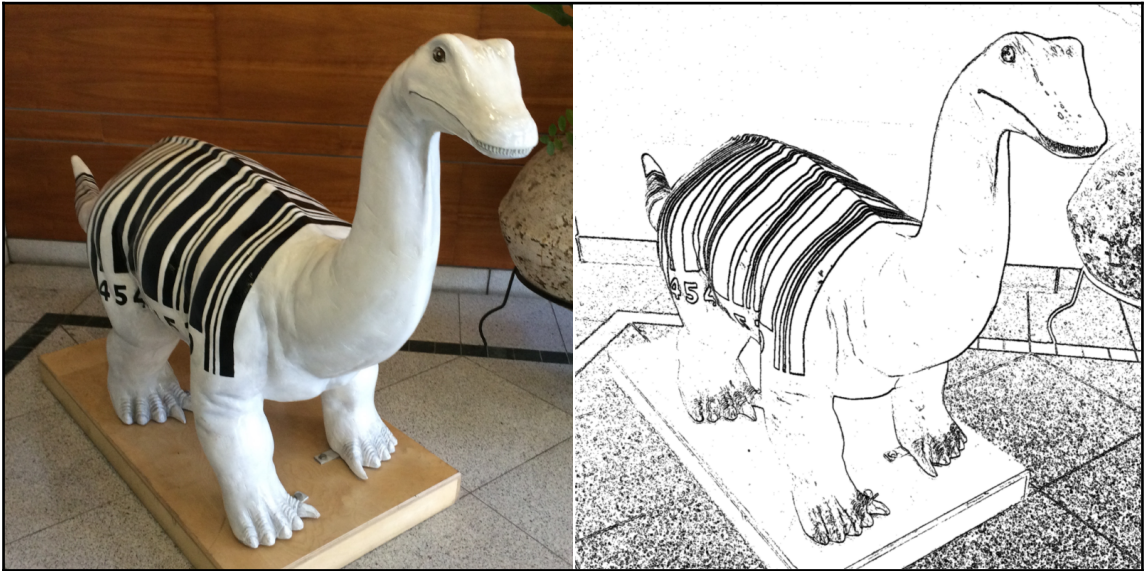
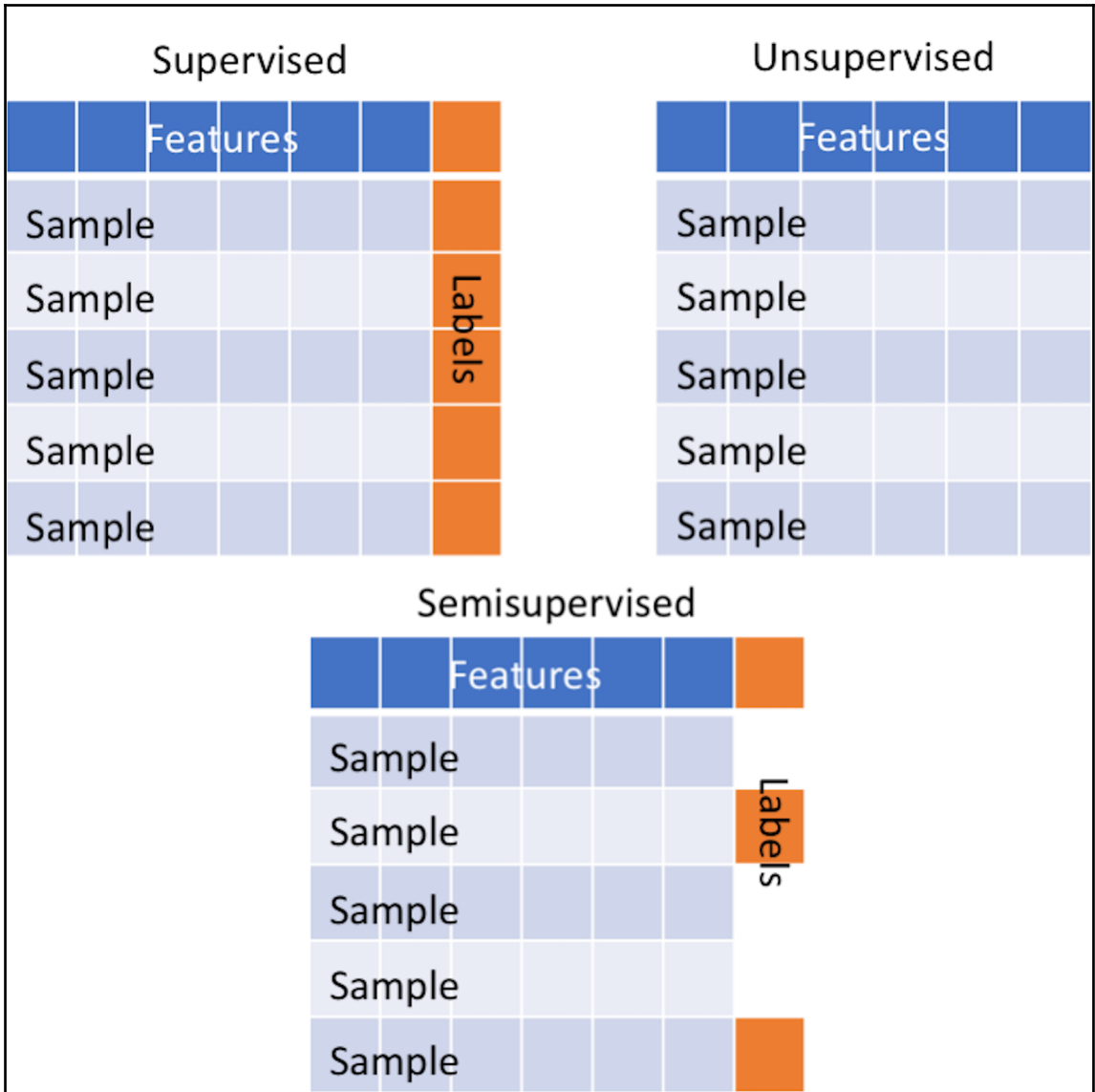
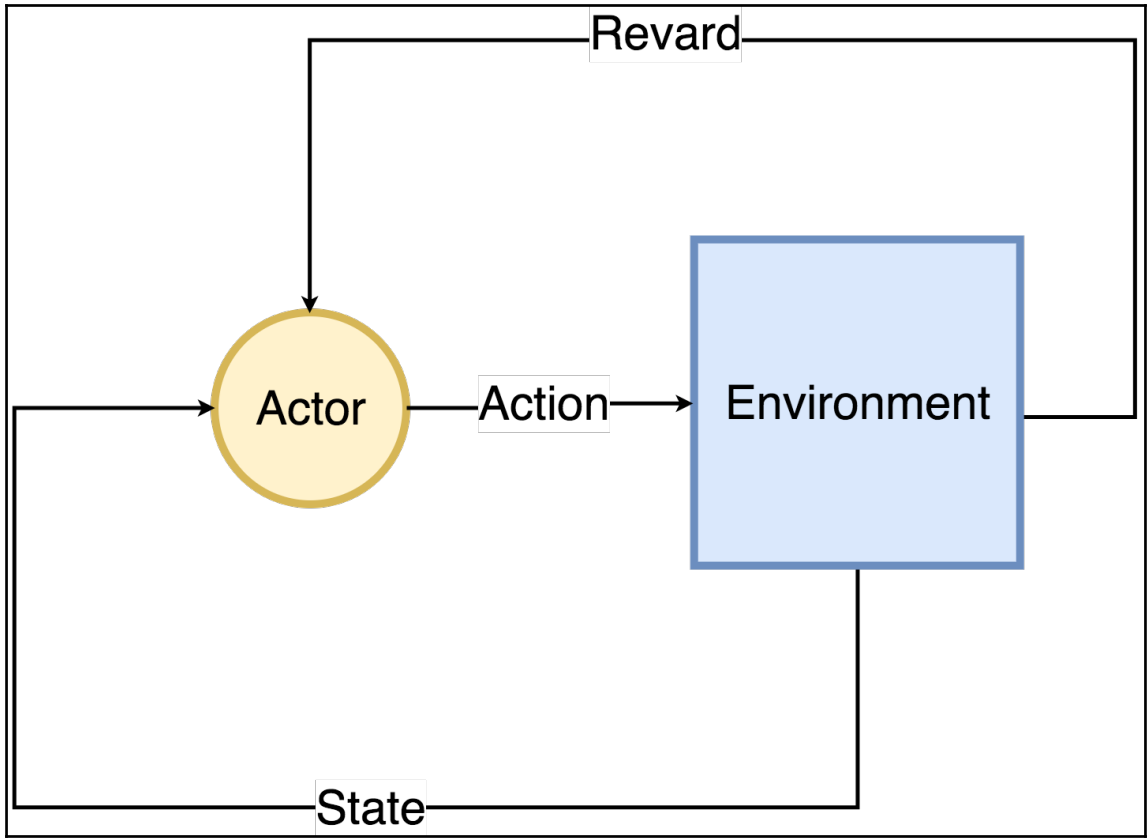
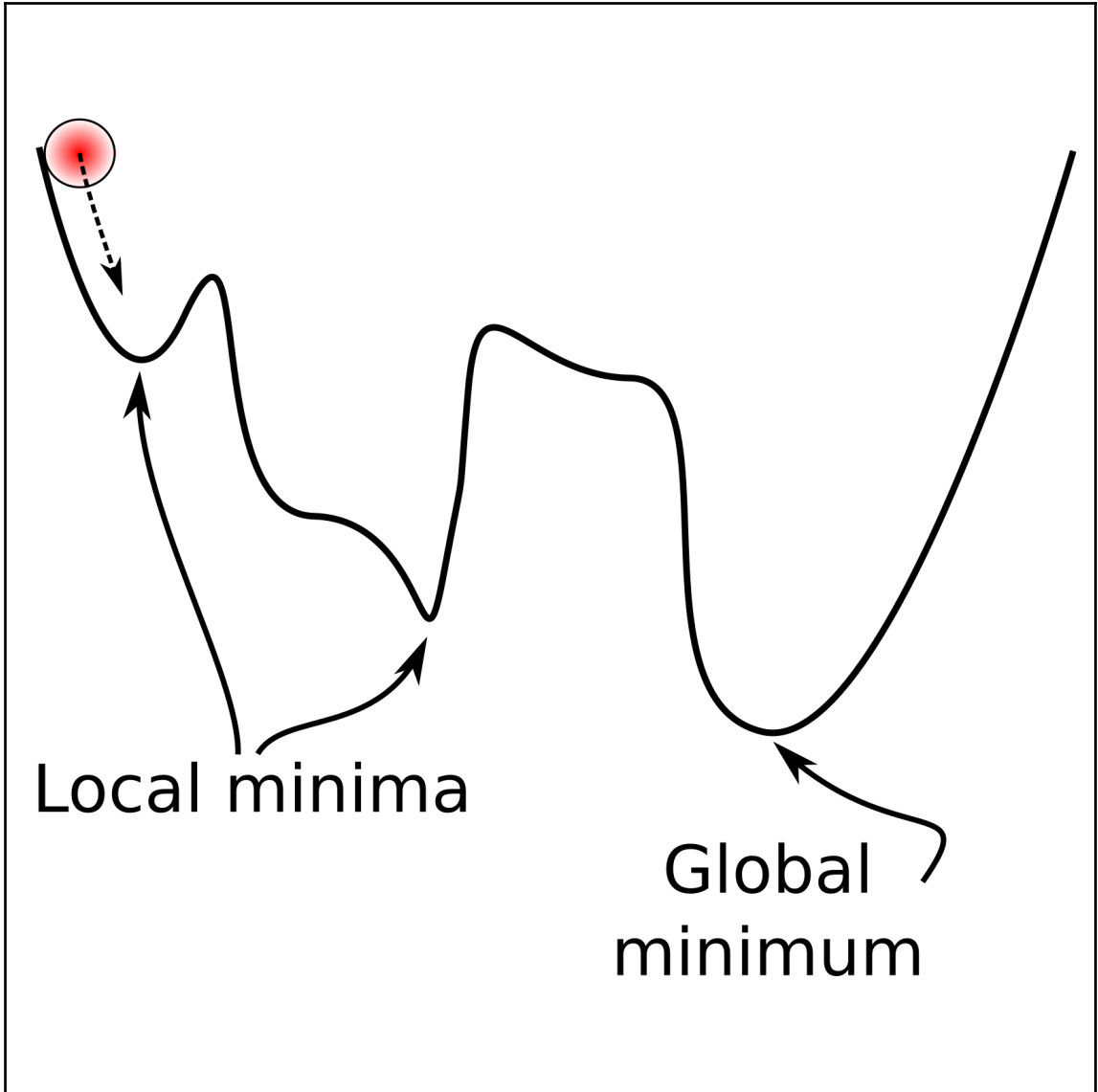


Chapter 1: Getting Started with Machine Learning

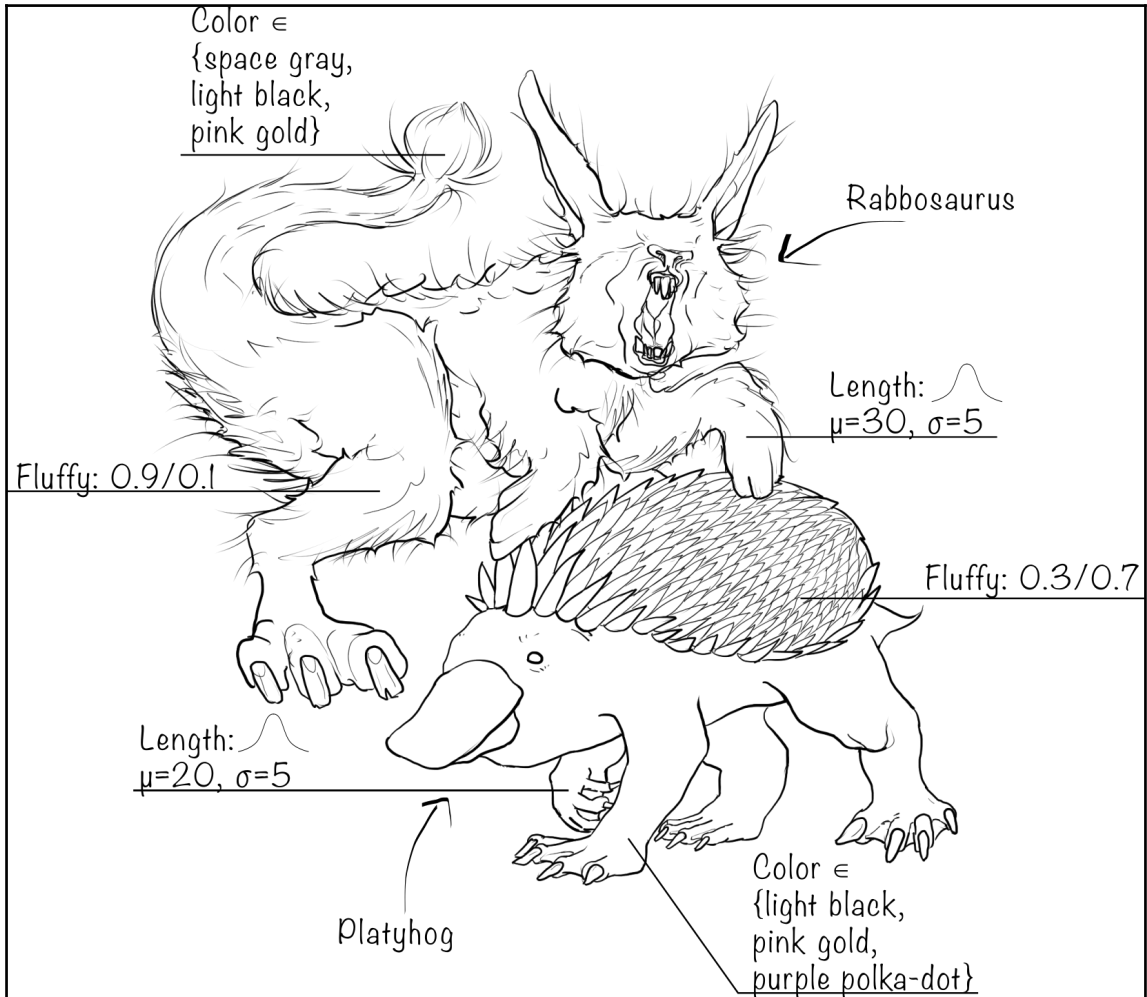


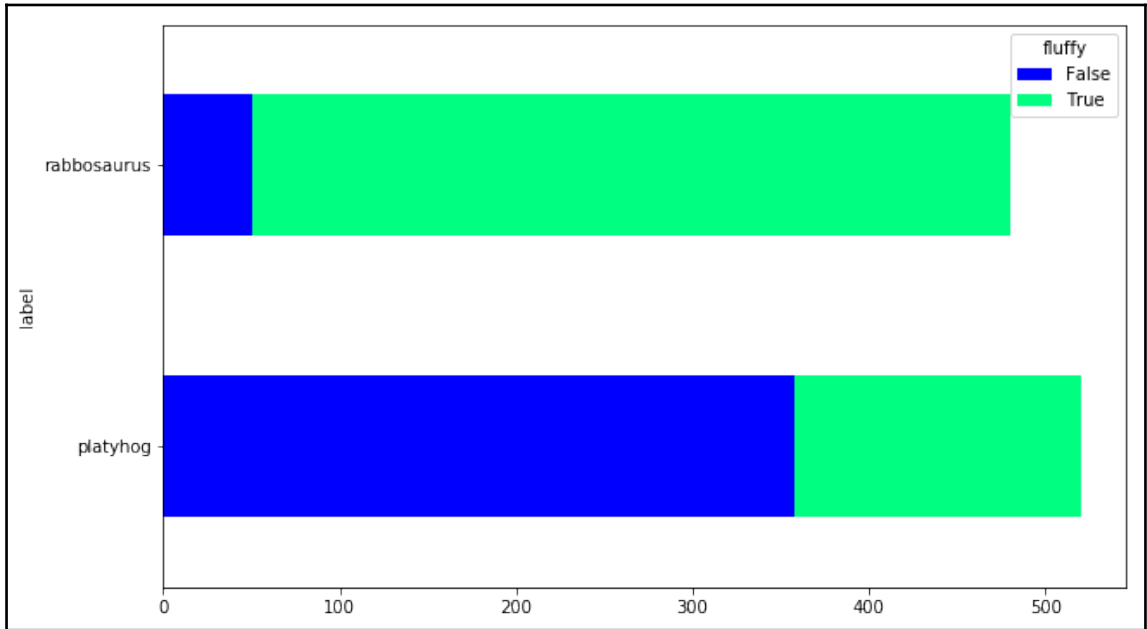
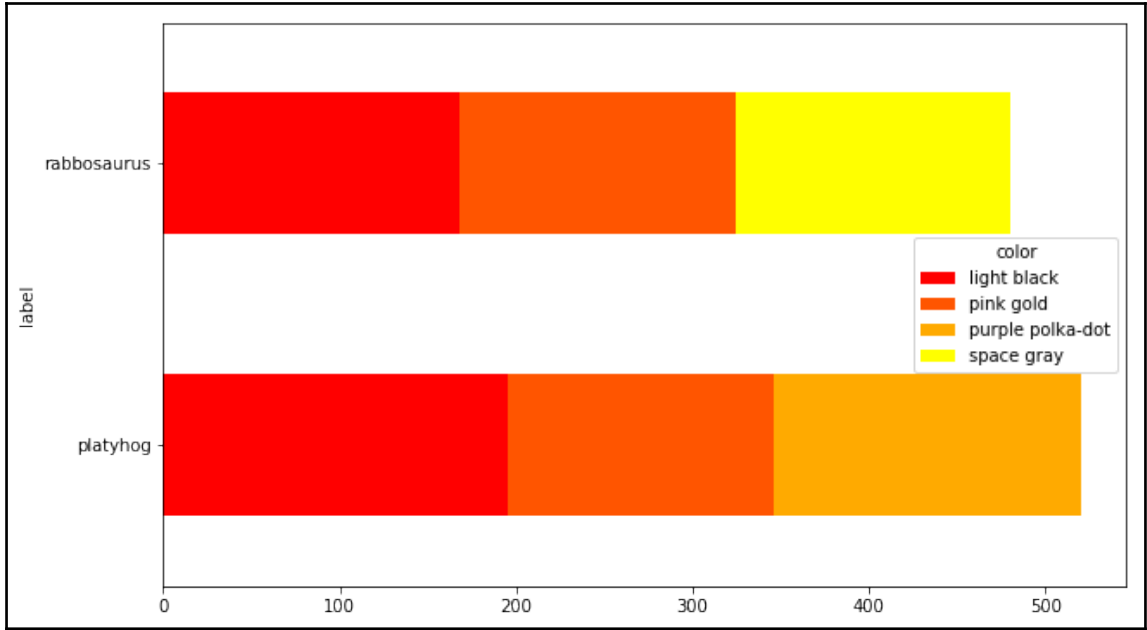


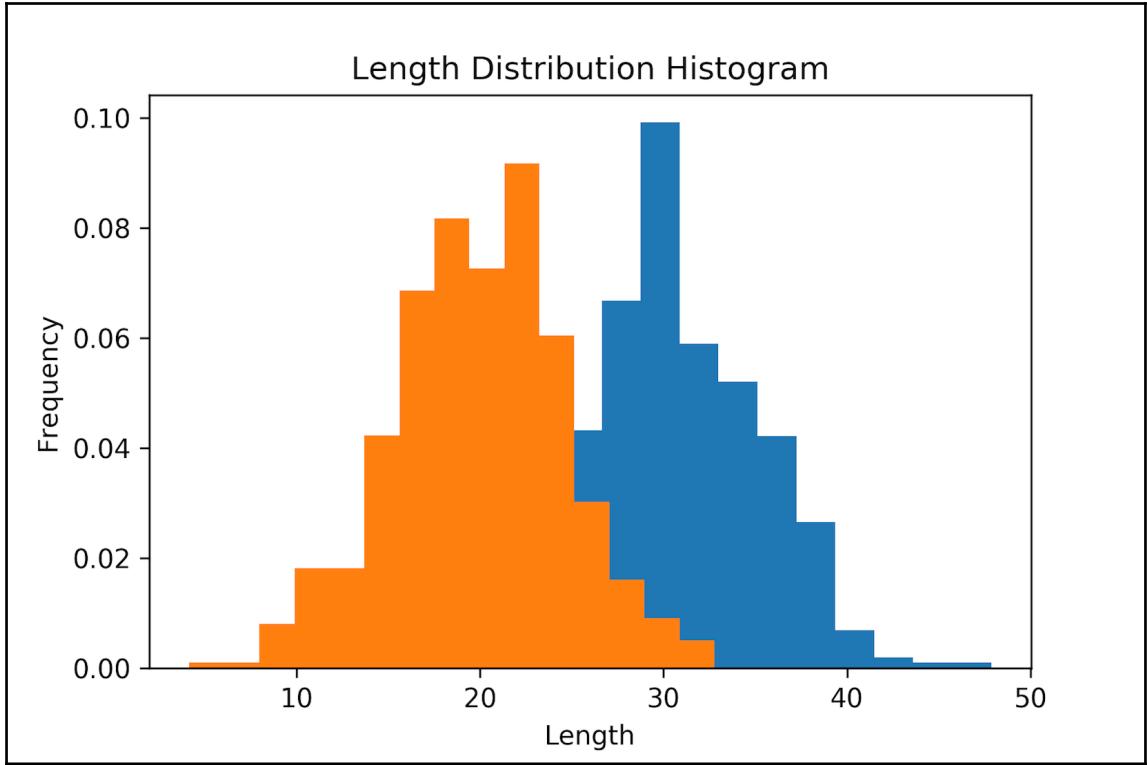


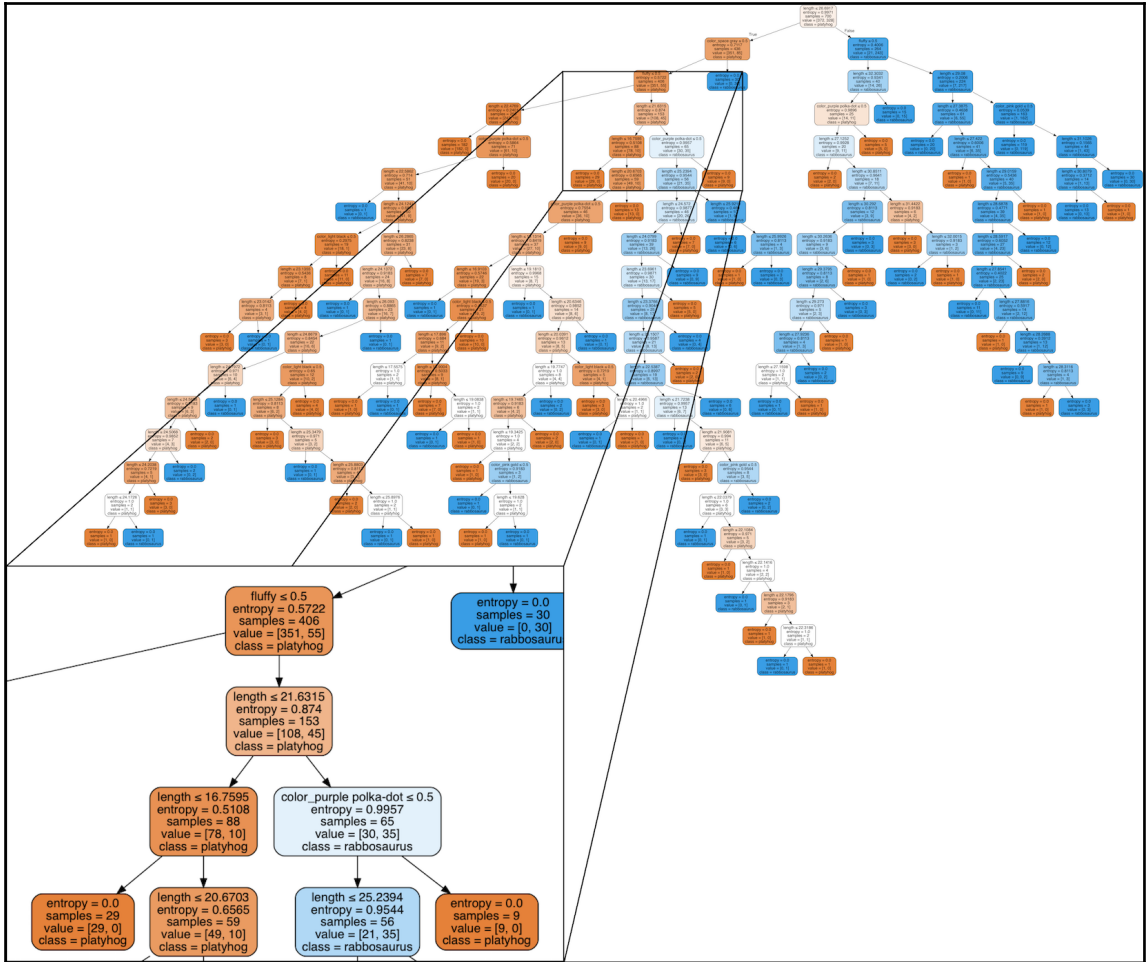


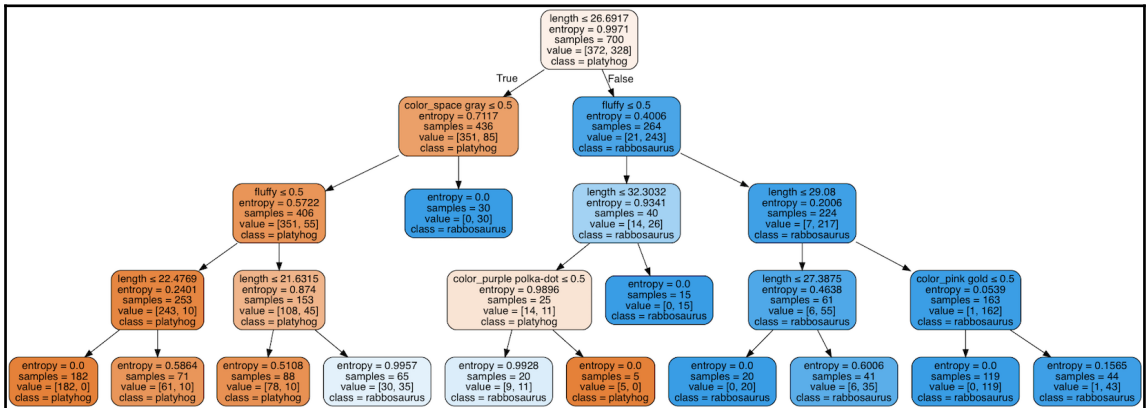
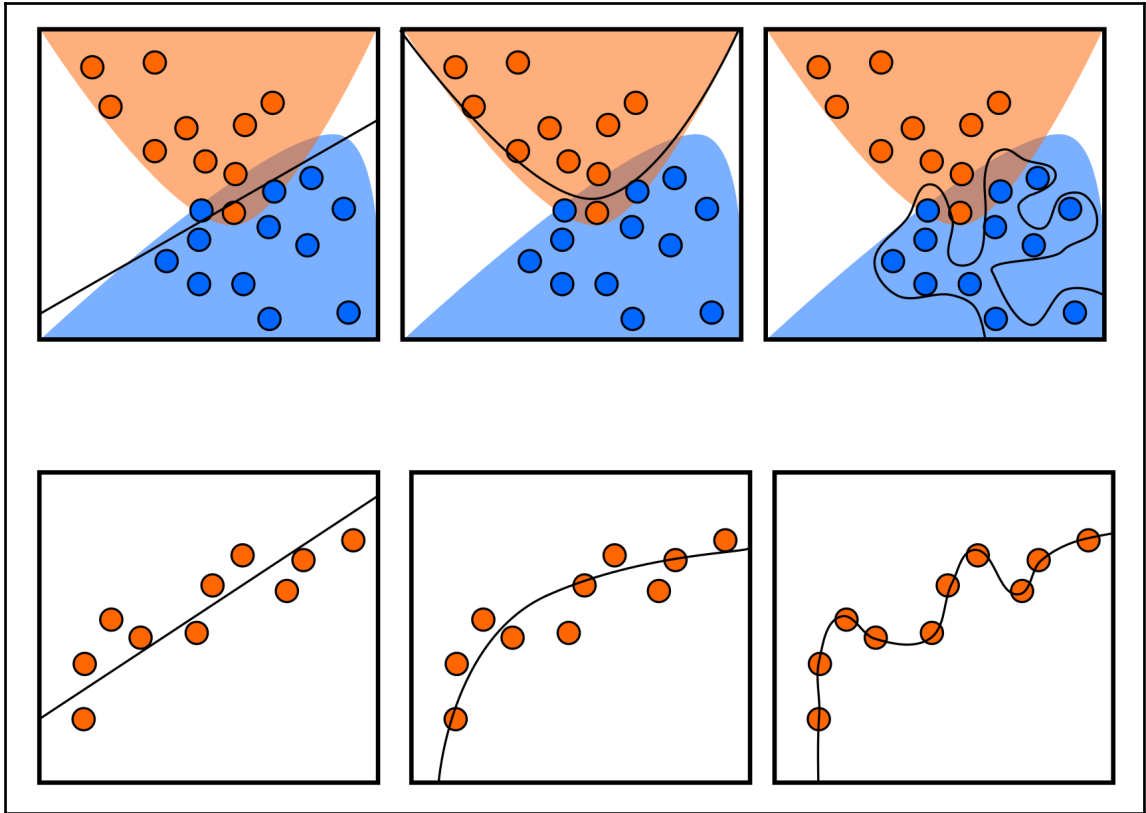
Chapter 2: Classification – Decision Tree Learning



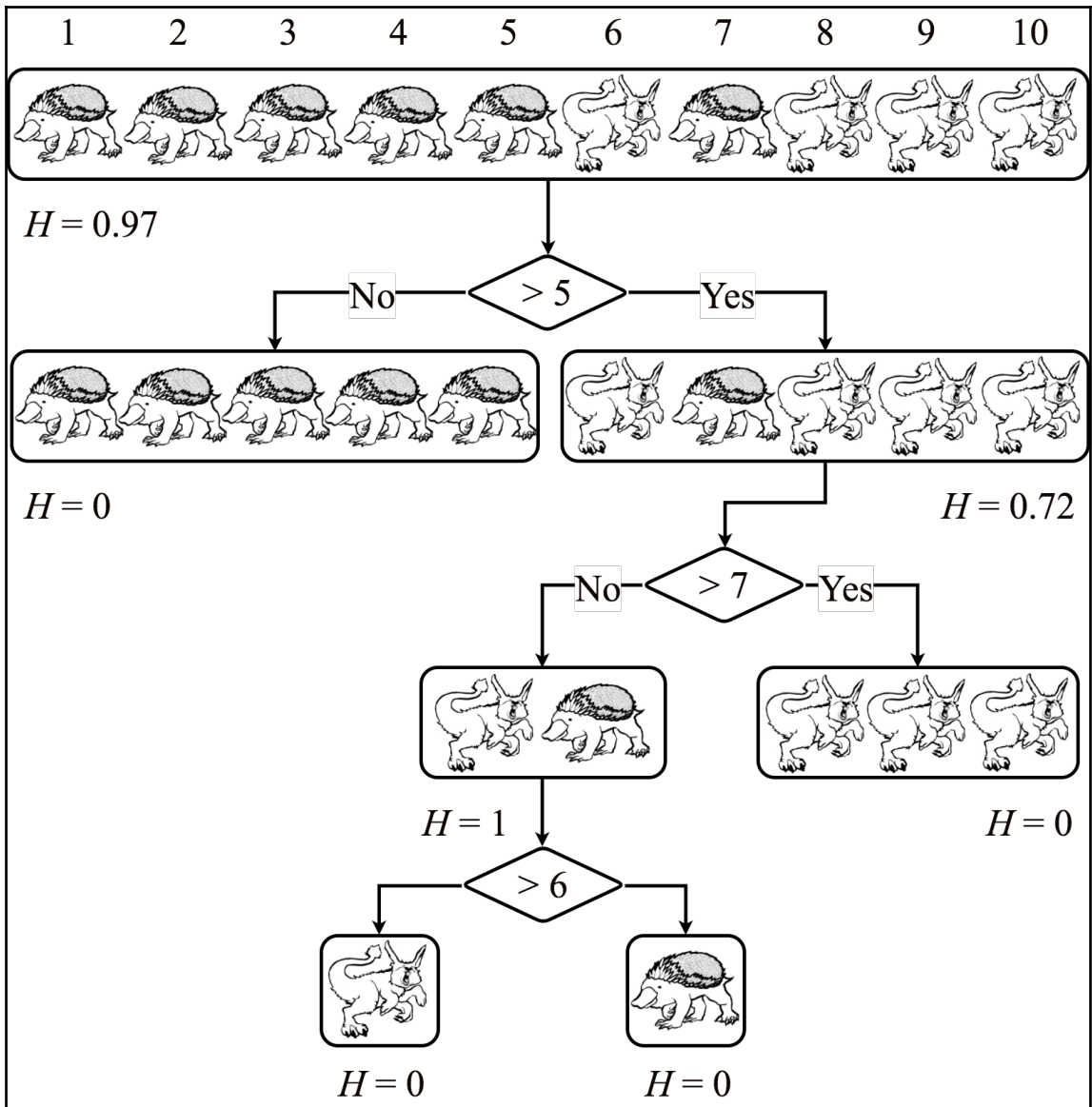


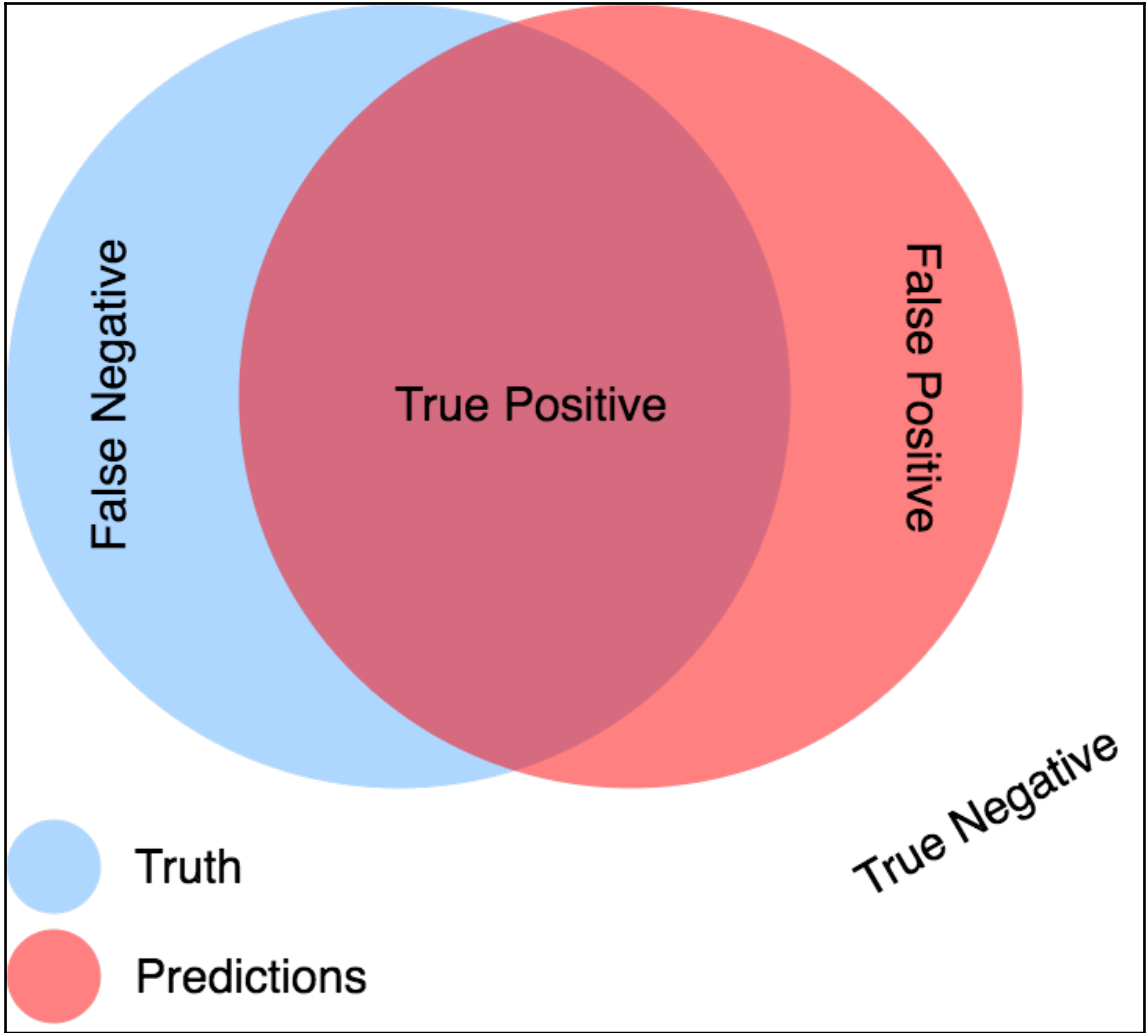


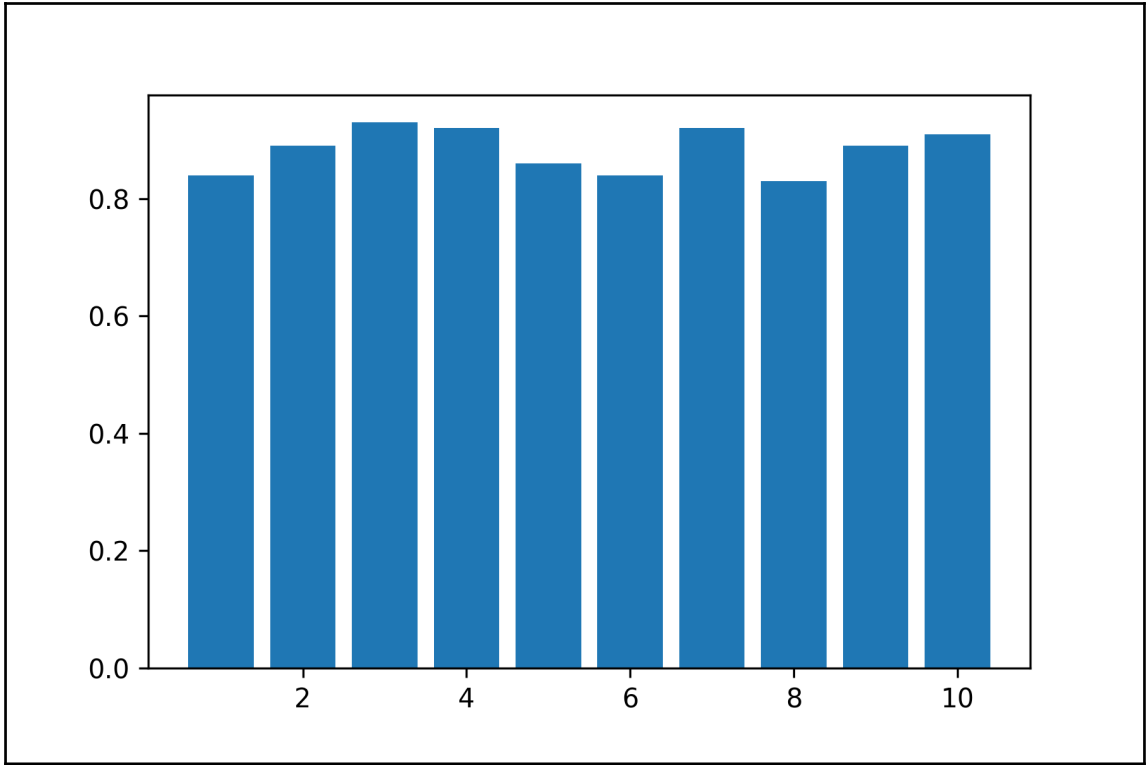












DecisionTreeDemo > DecisionTreeDemo > DecisionTree.mlmodel

▼ **Machine Learning Model**

Name DecisionTree
 Type Pipeline Classifier
 Size 4 KB
 Author unknown
 License unknown
 Description description not included

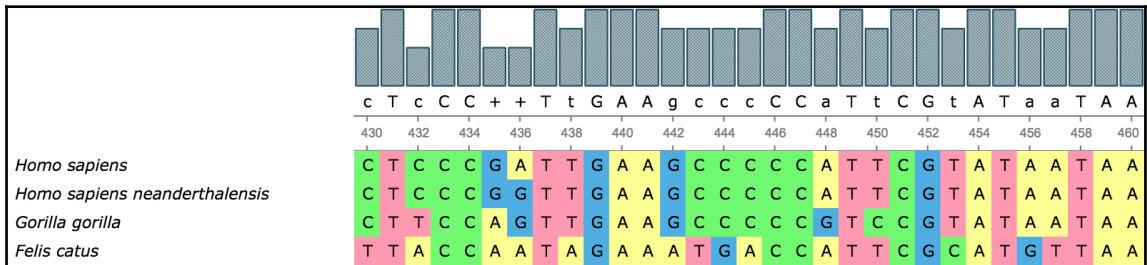
▼ **Model Class**

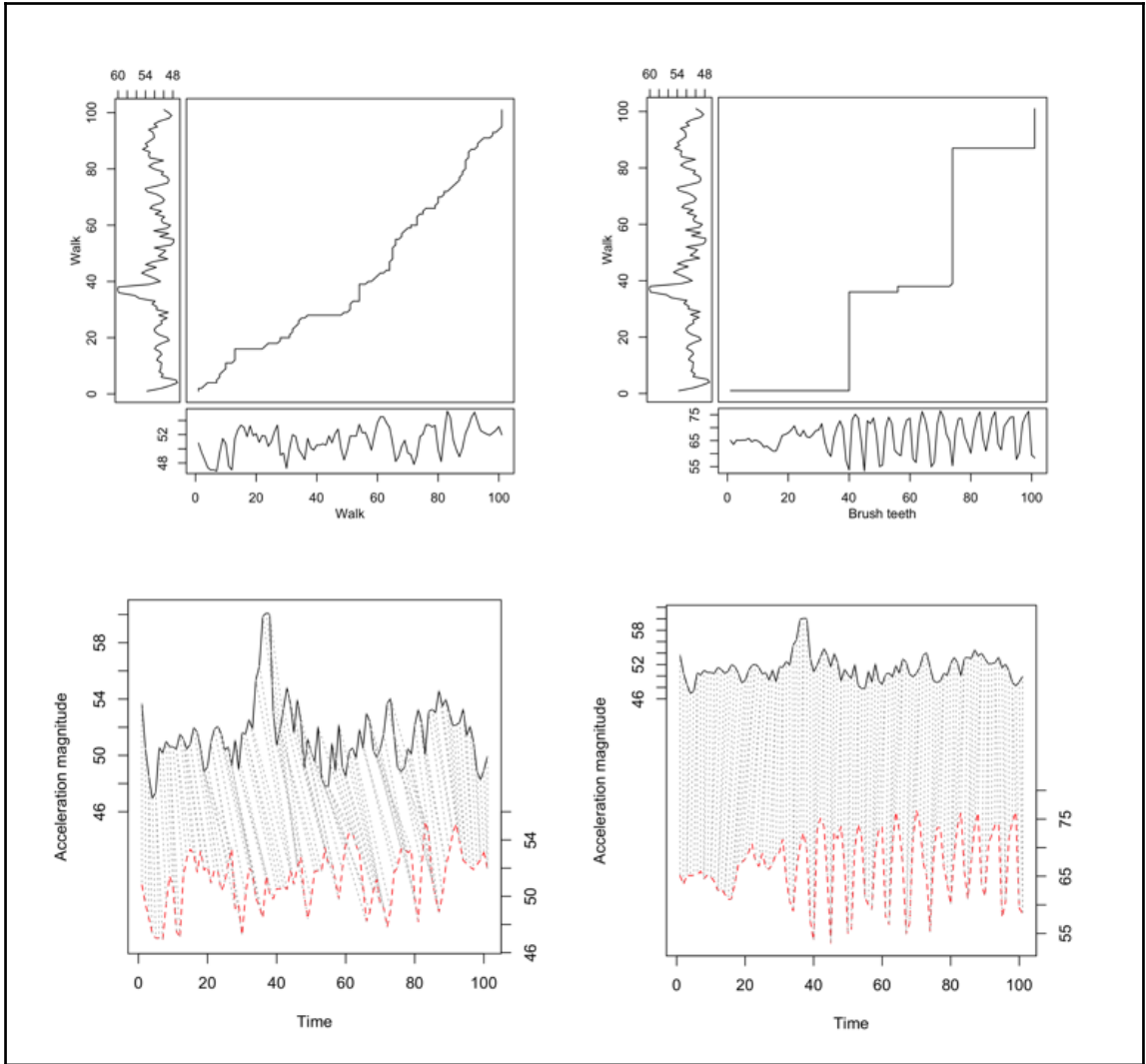
DecisionTree (Swift generated source) Ⓞ

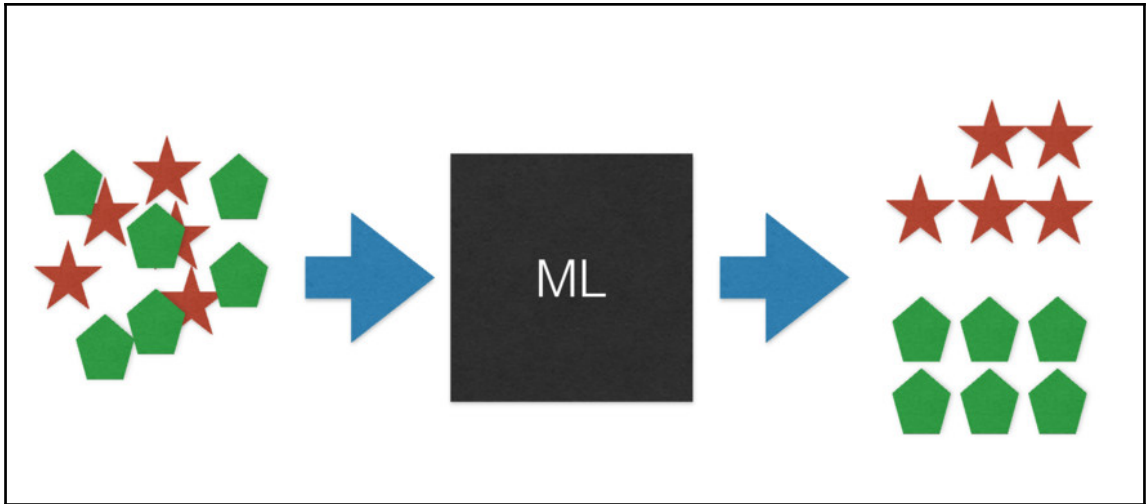
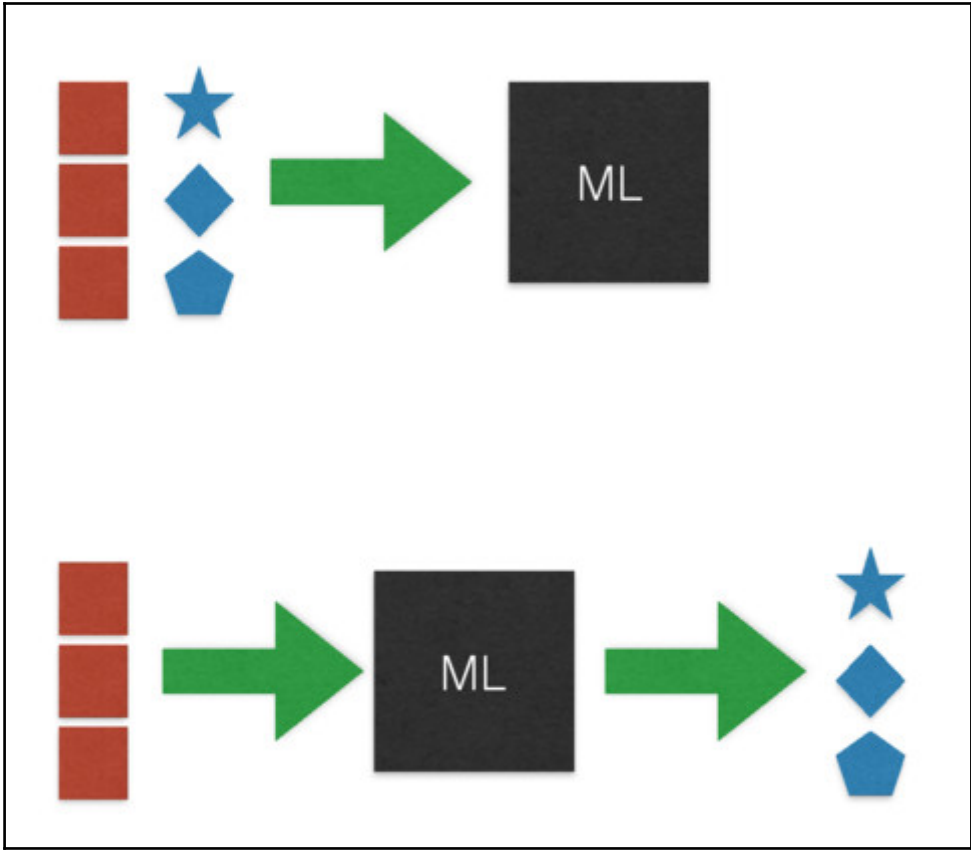
▼ **Model Evaluation Parameters**

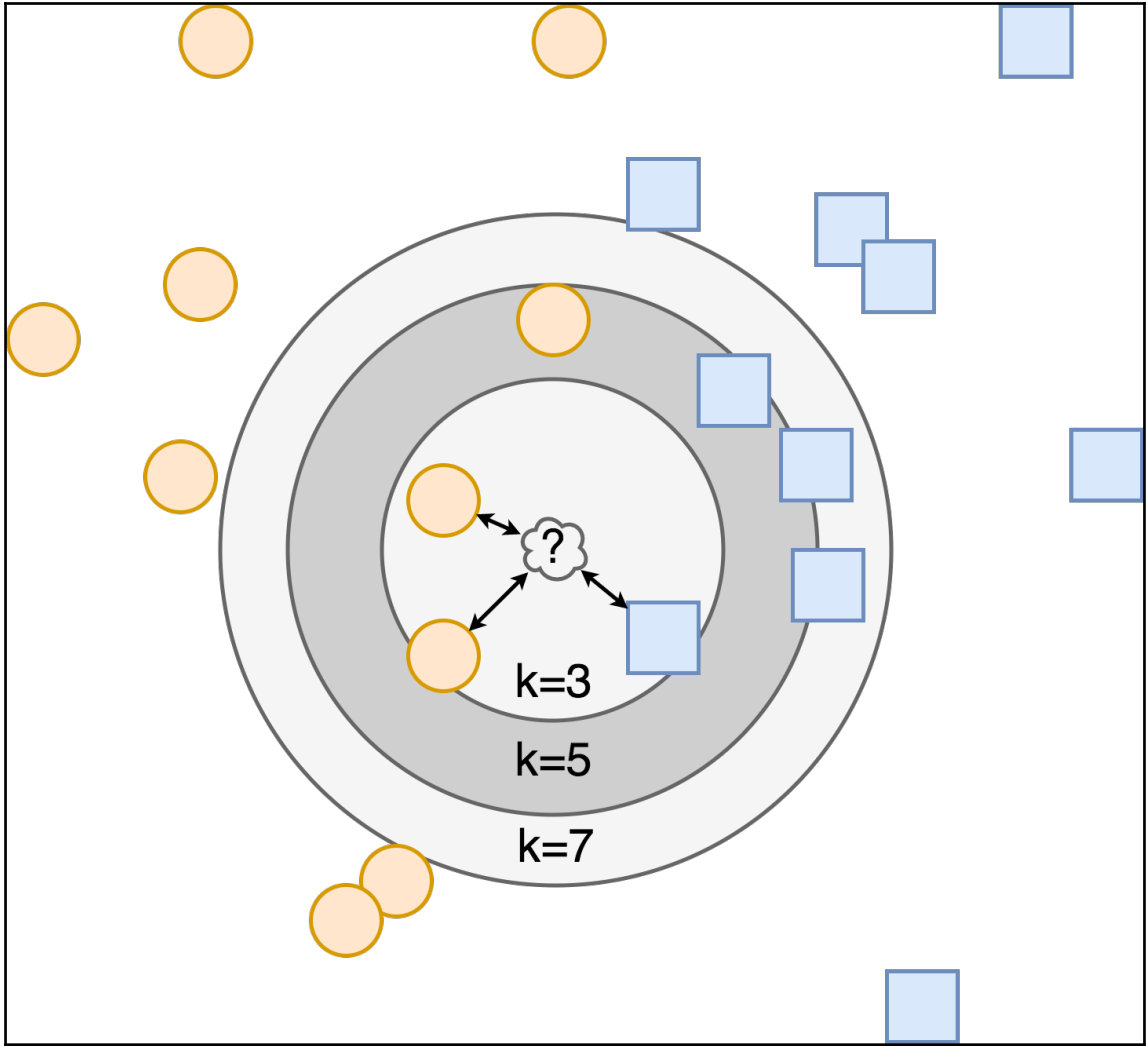
Name	Type	Description
▼ inputs		
length	Double	
fluffy	Double	
color_light black	Double	
color_pink gold	Double	
color_purple polk...	Double	
color_space gray	Double	
▼ outputs		
label	String	
classProbability	Dictionary<String,Double>	

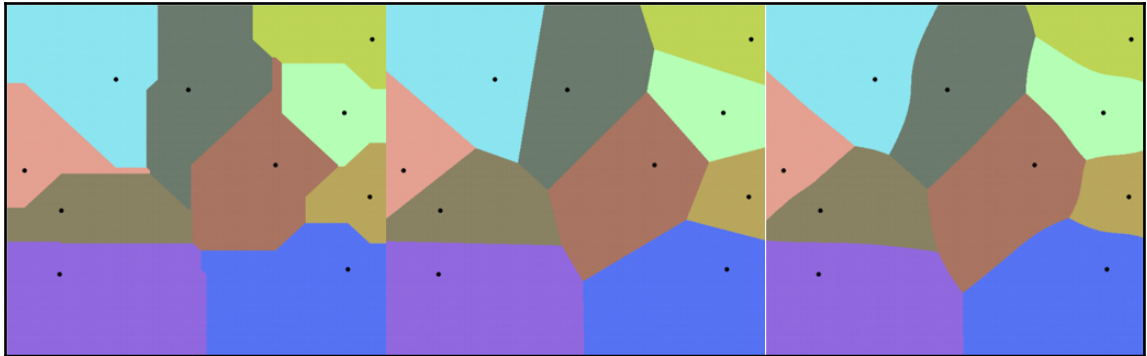
Chapter 3: K-Nearest Neighbors Classifier

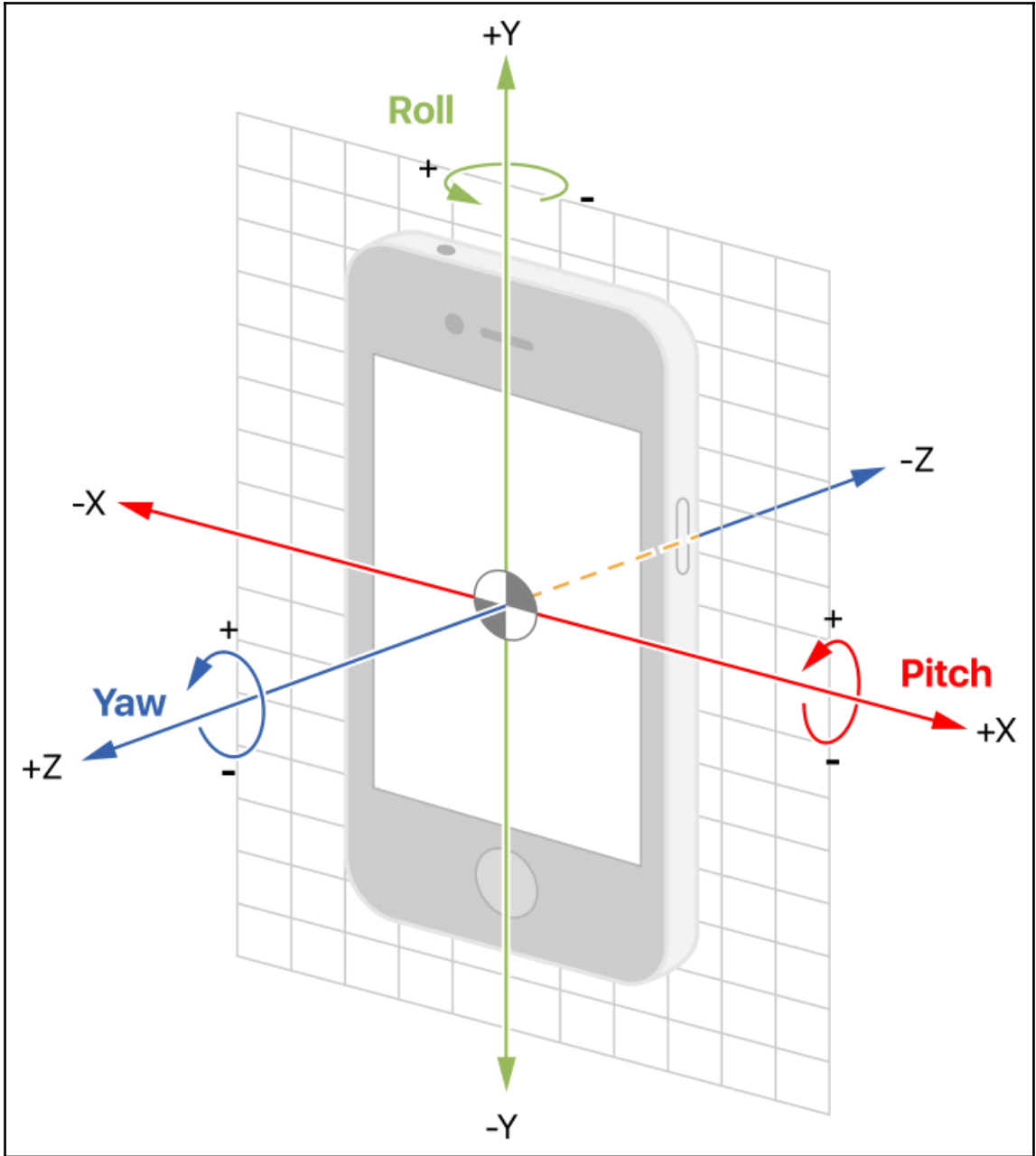


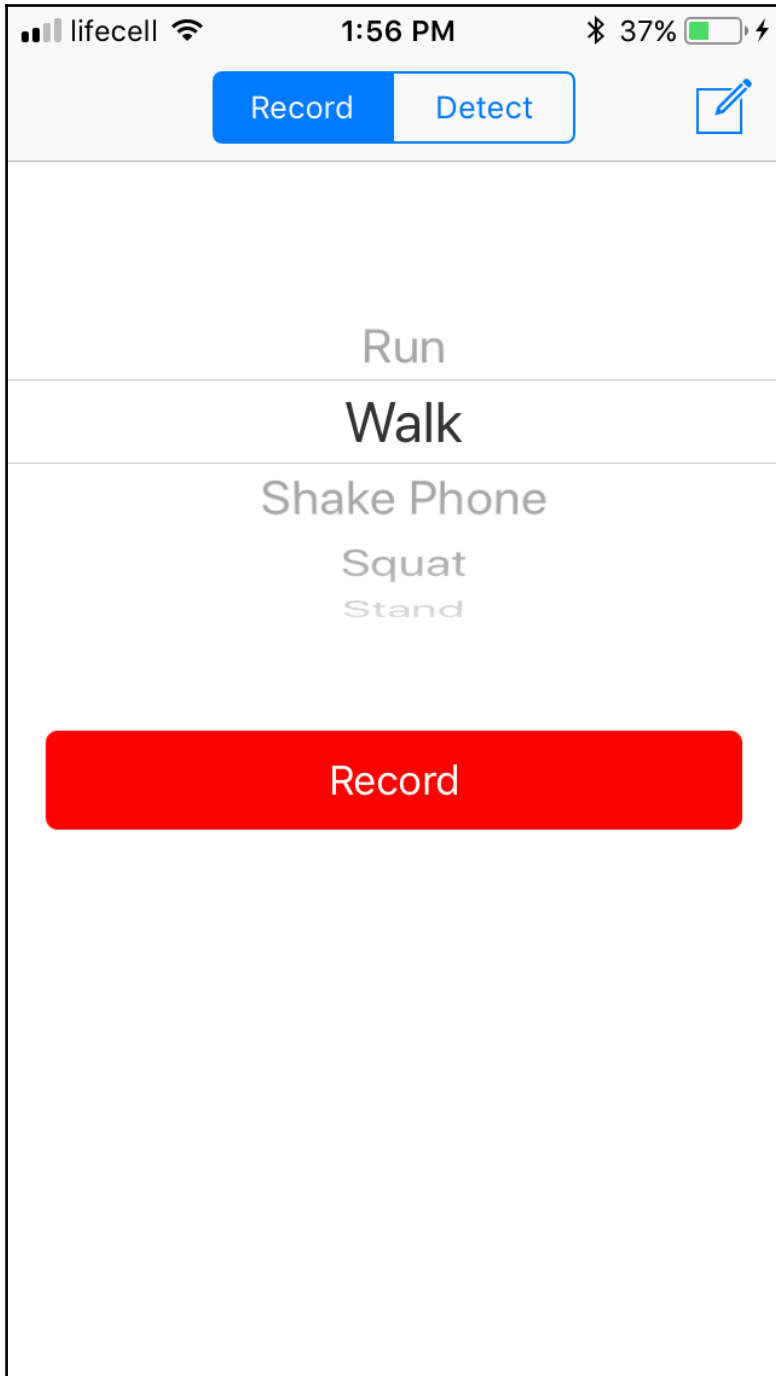


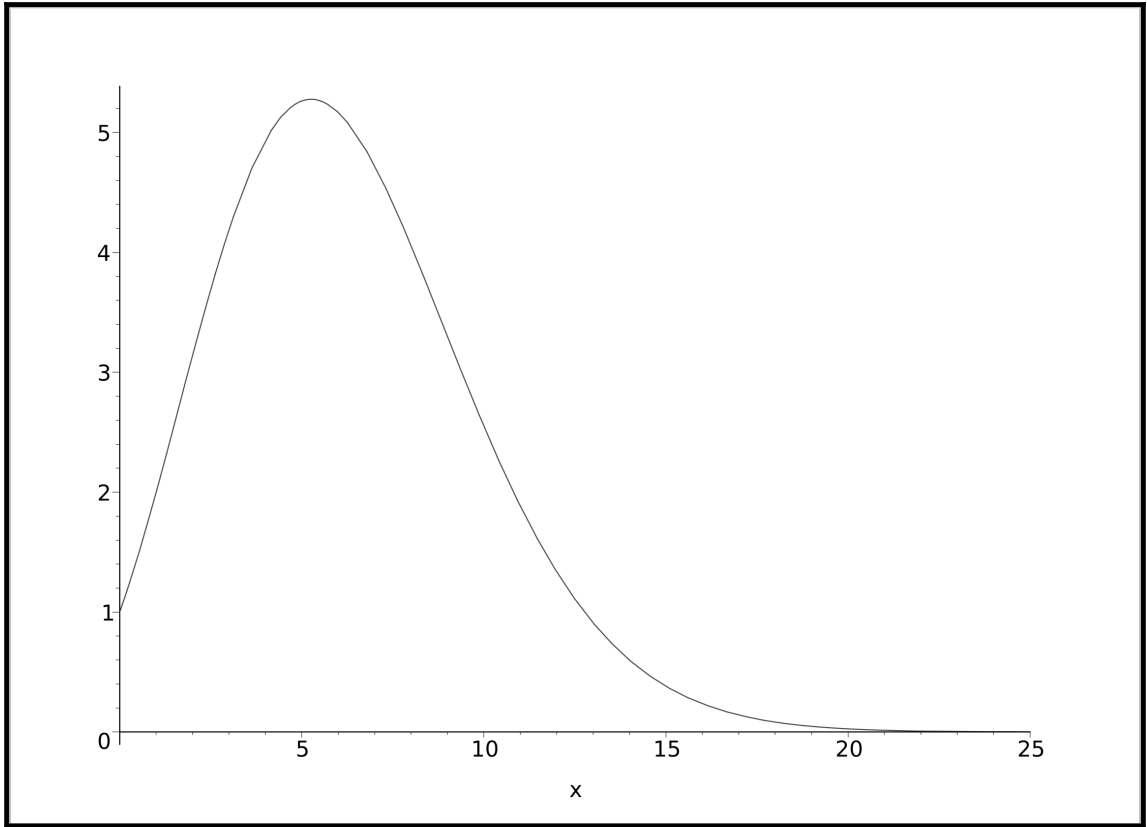




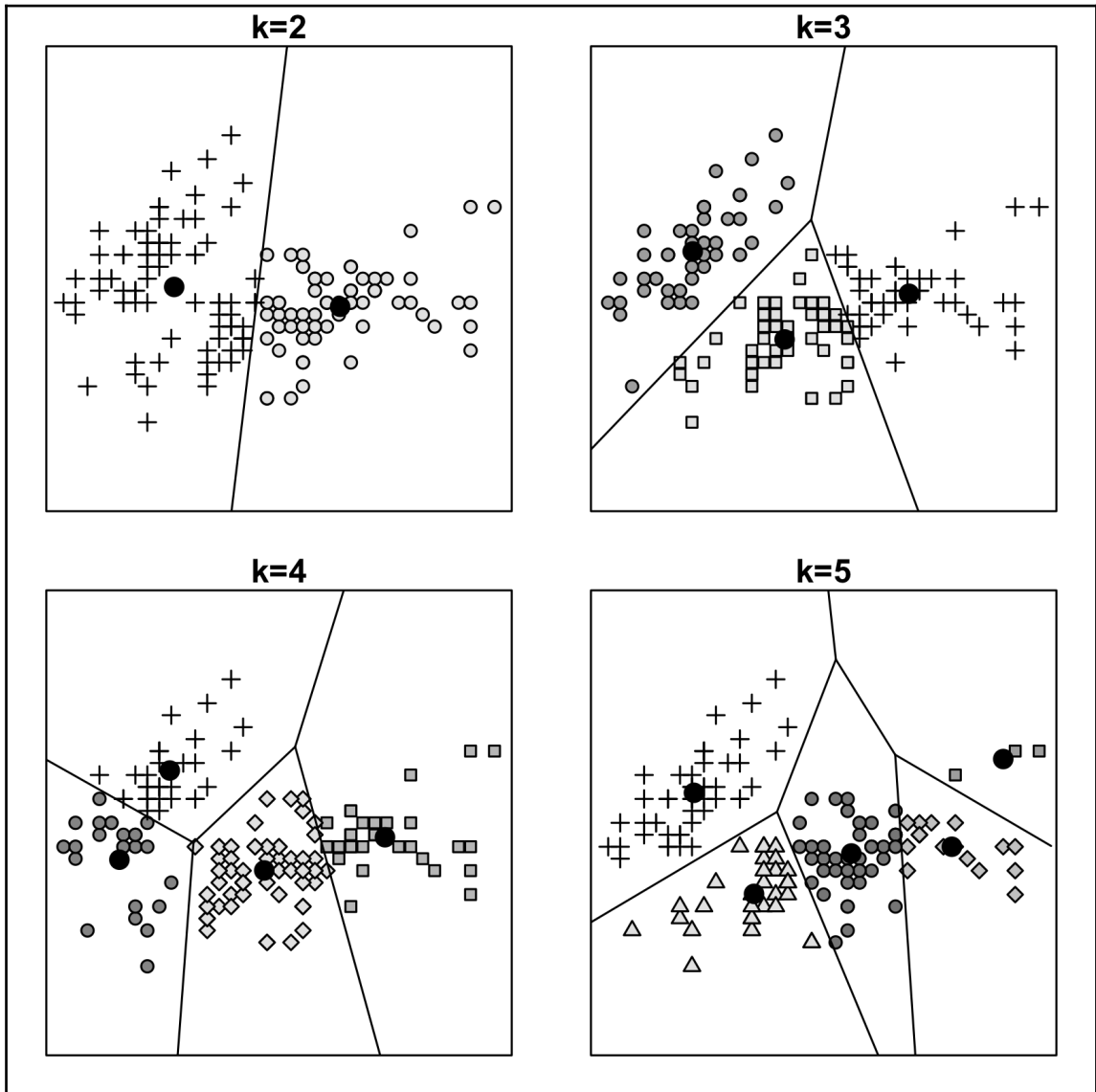


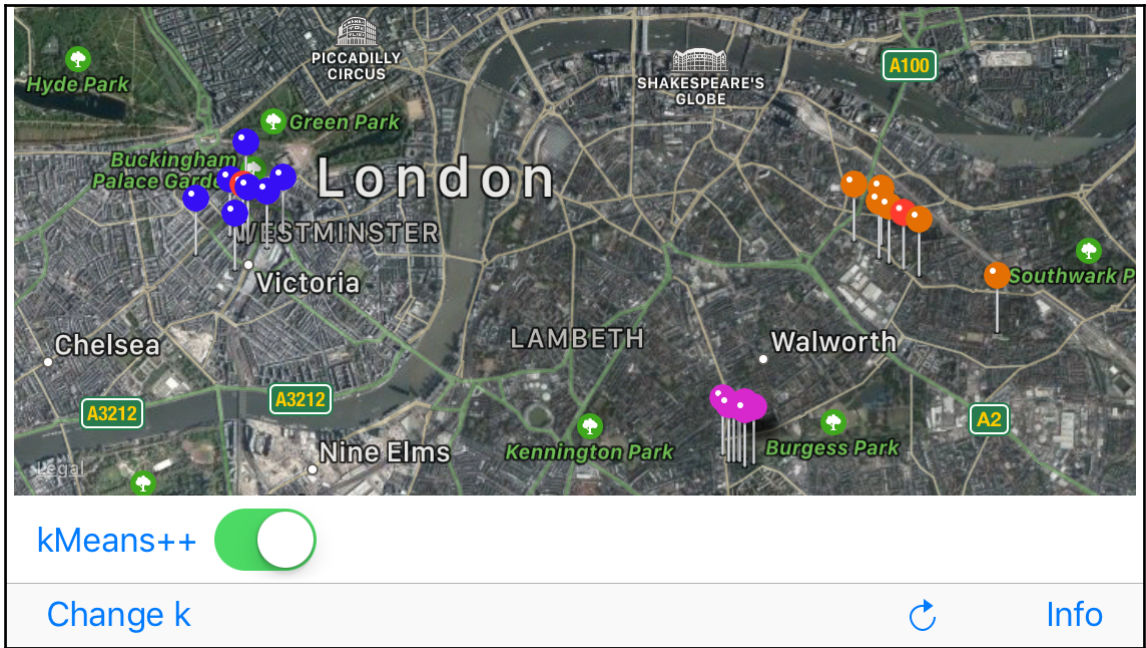


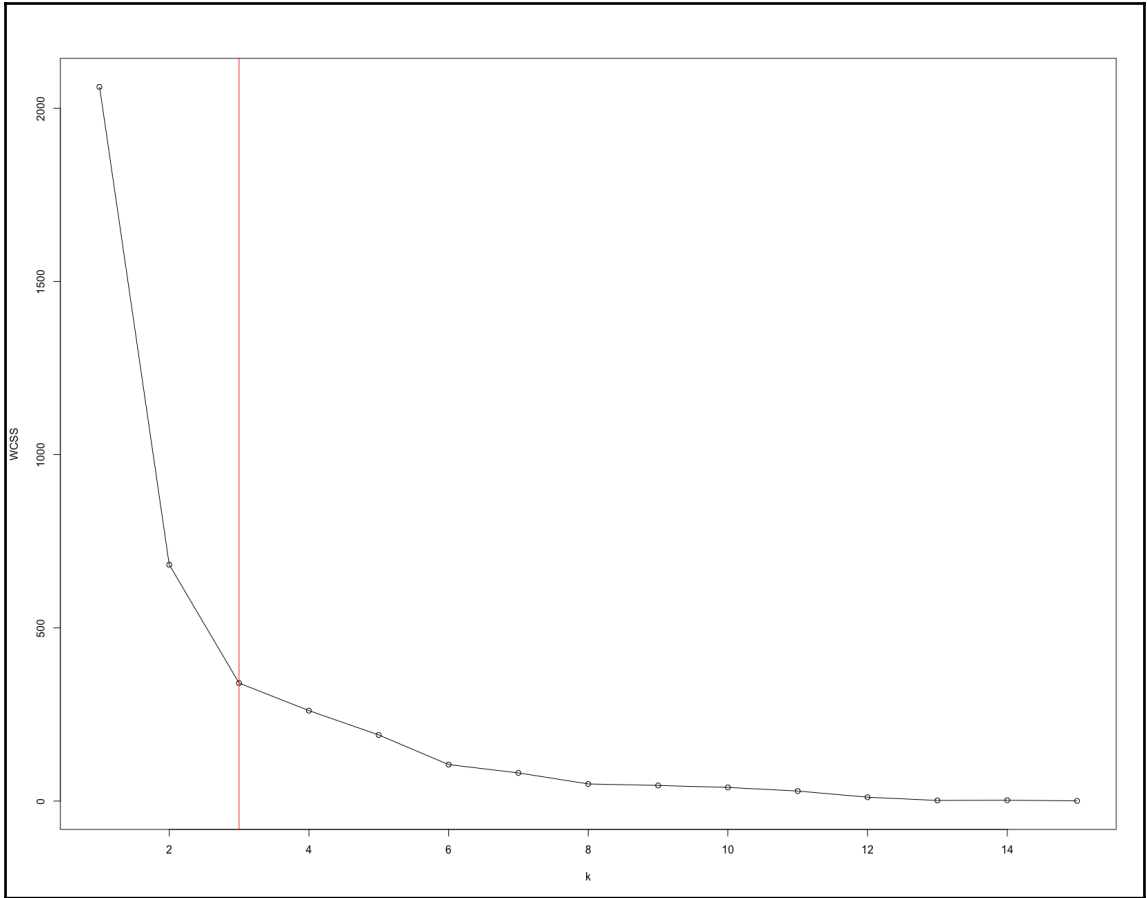


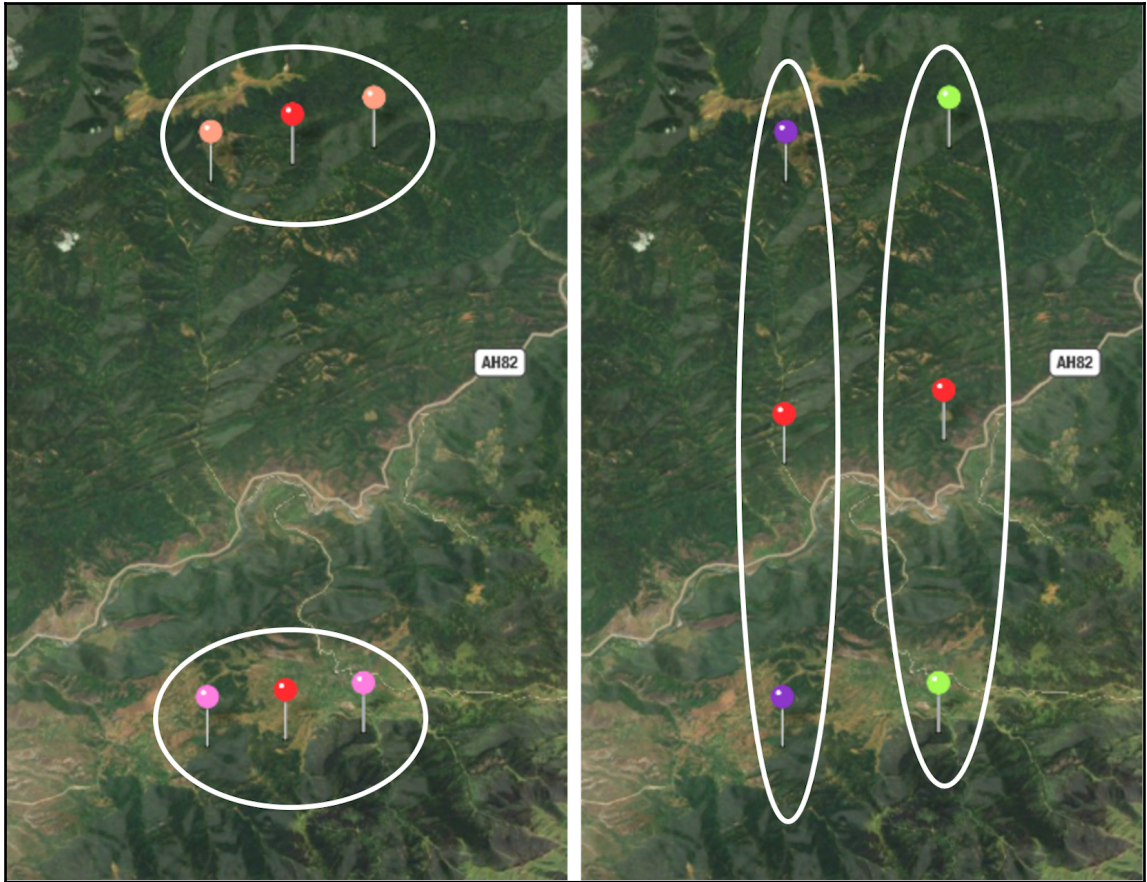


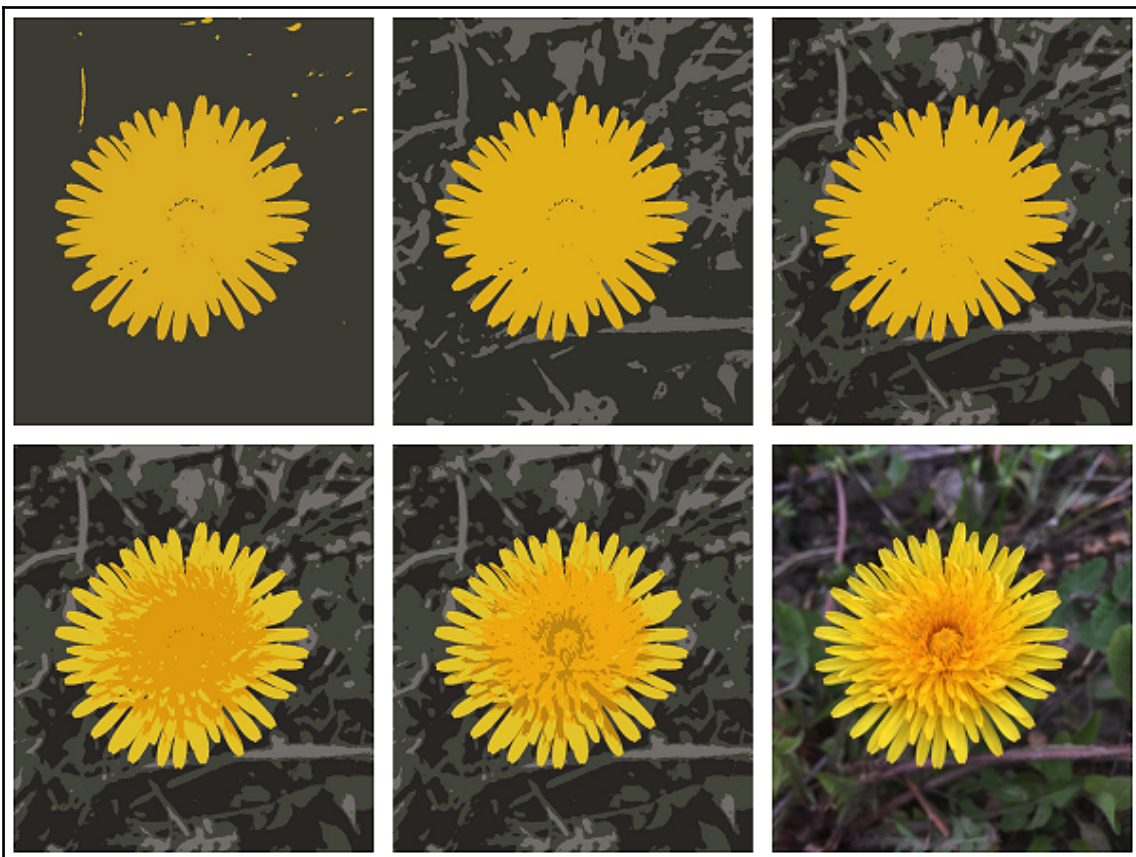
Chapter 4: K-Means Clustering

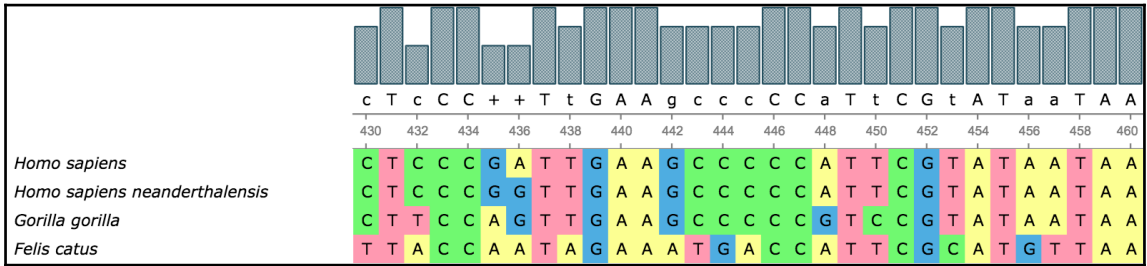


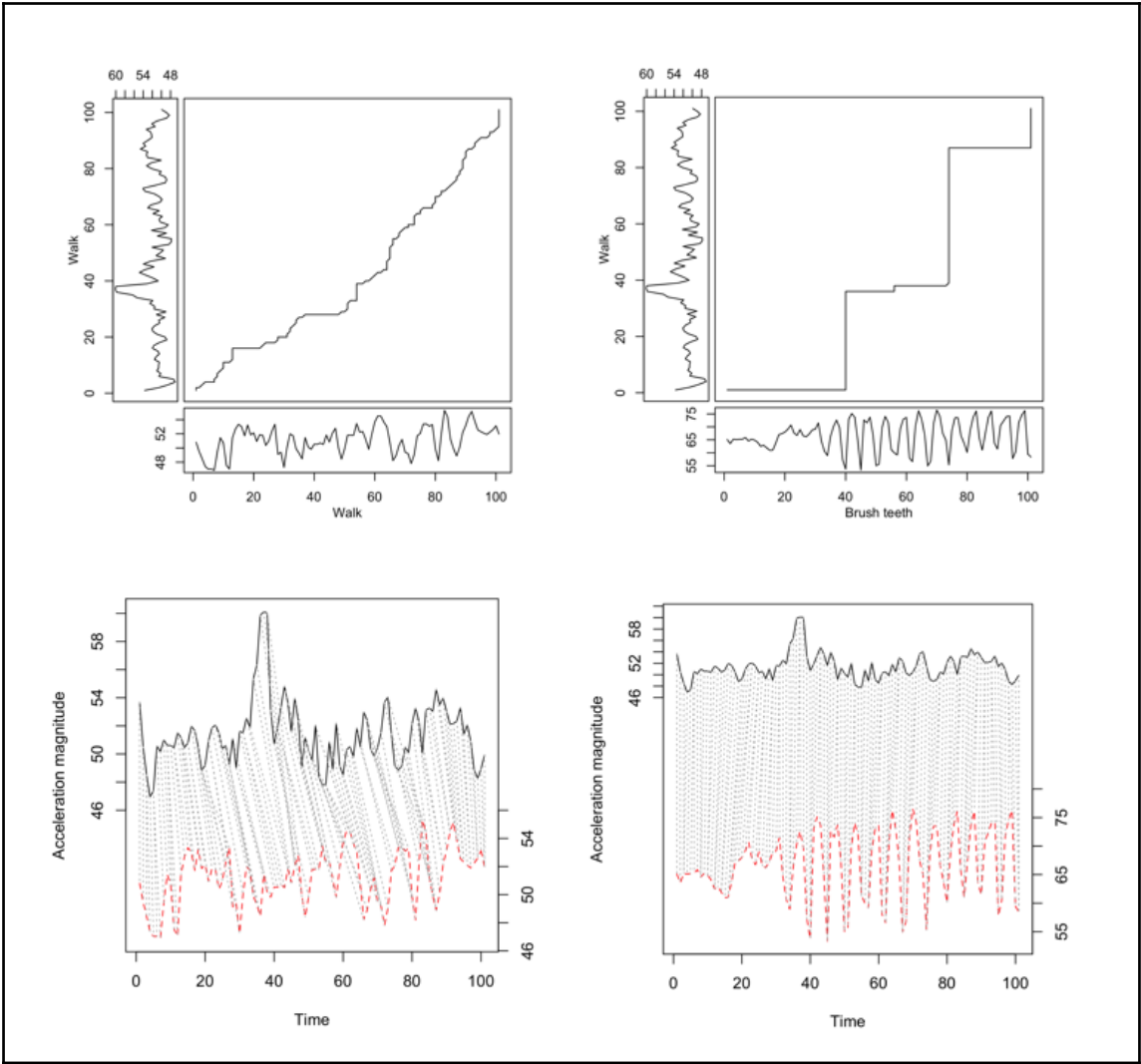


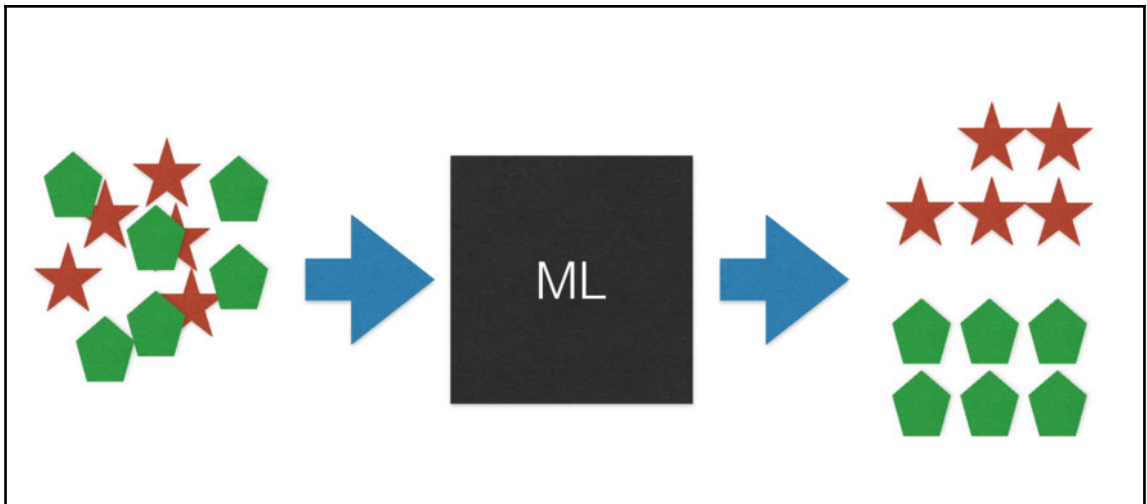
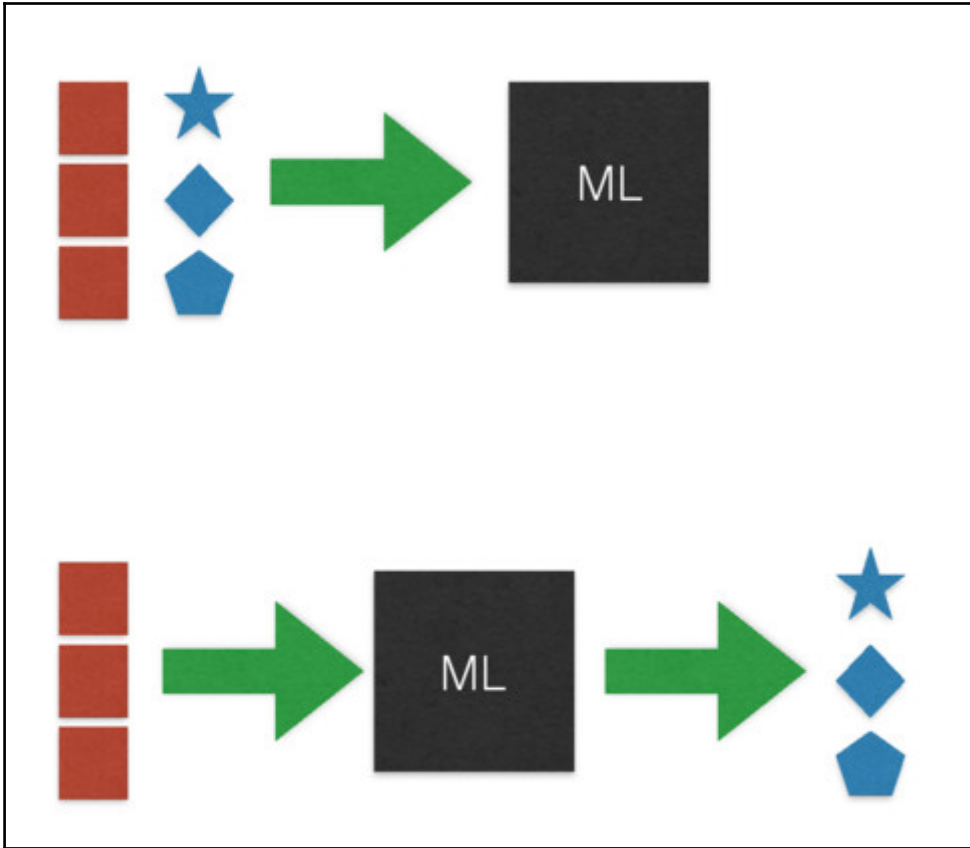


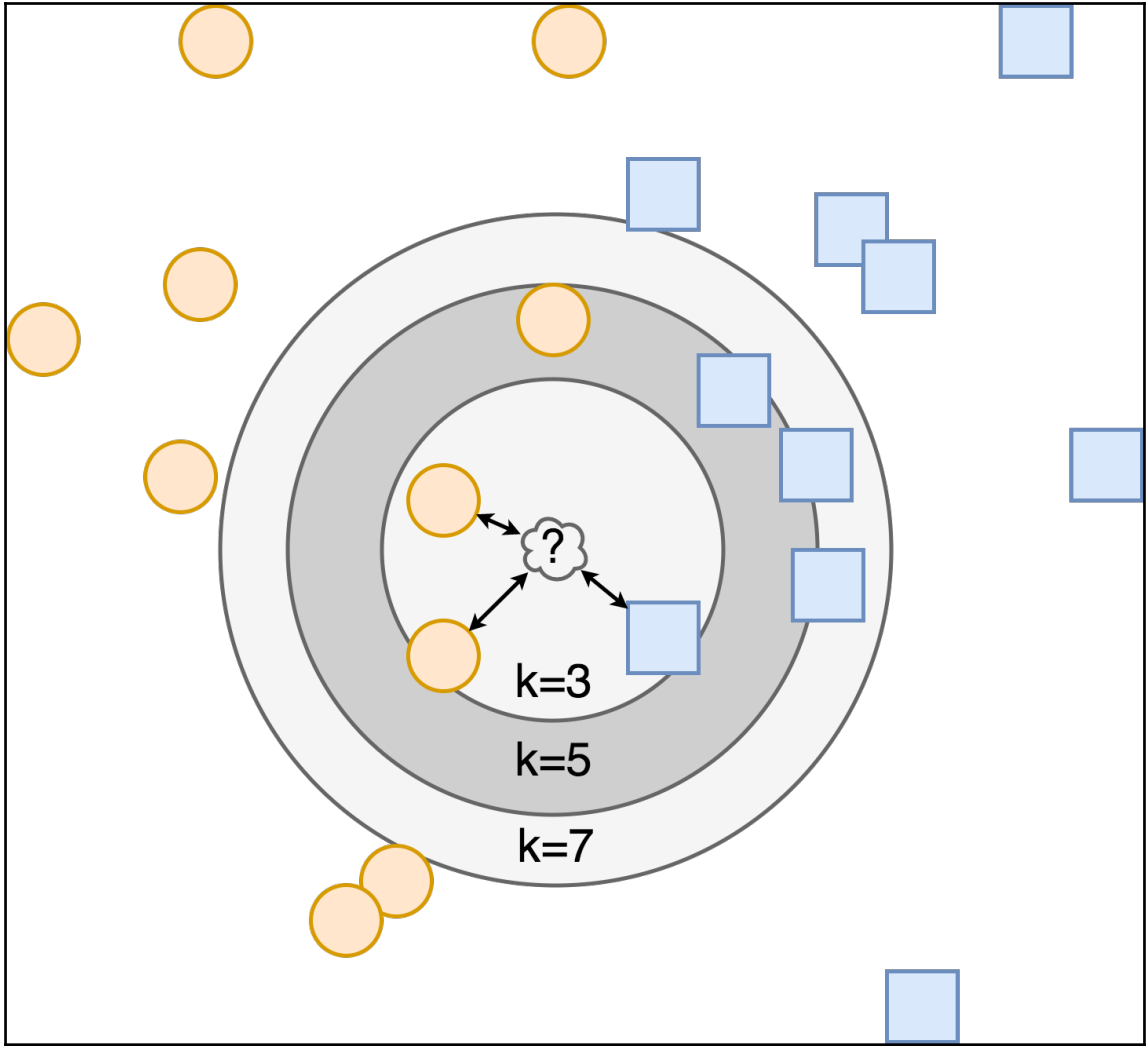


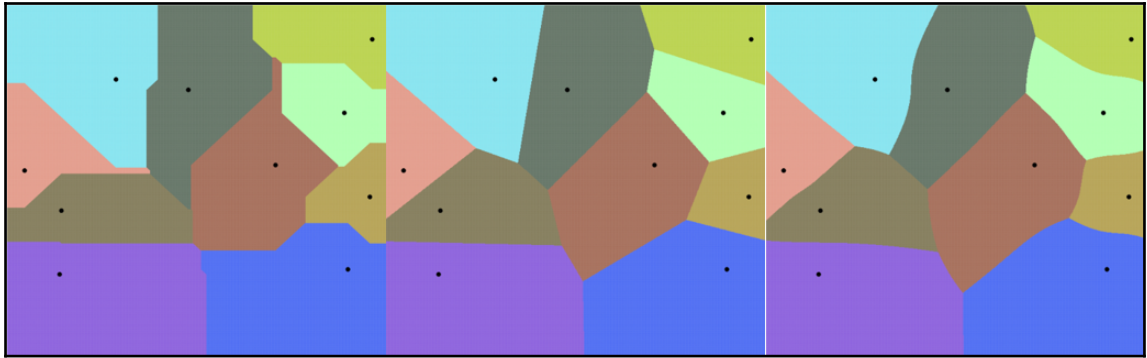


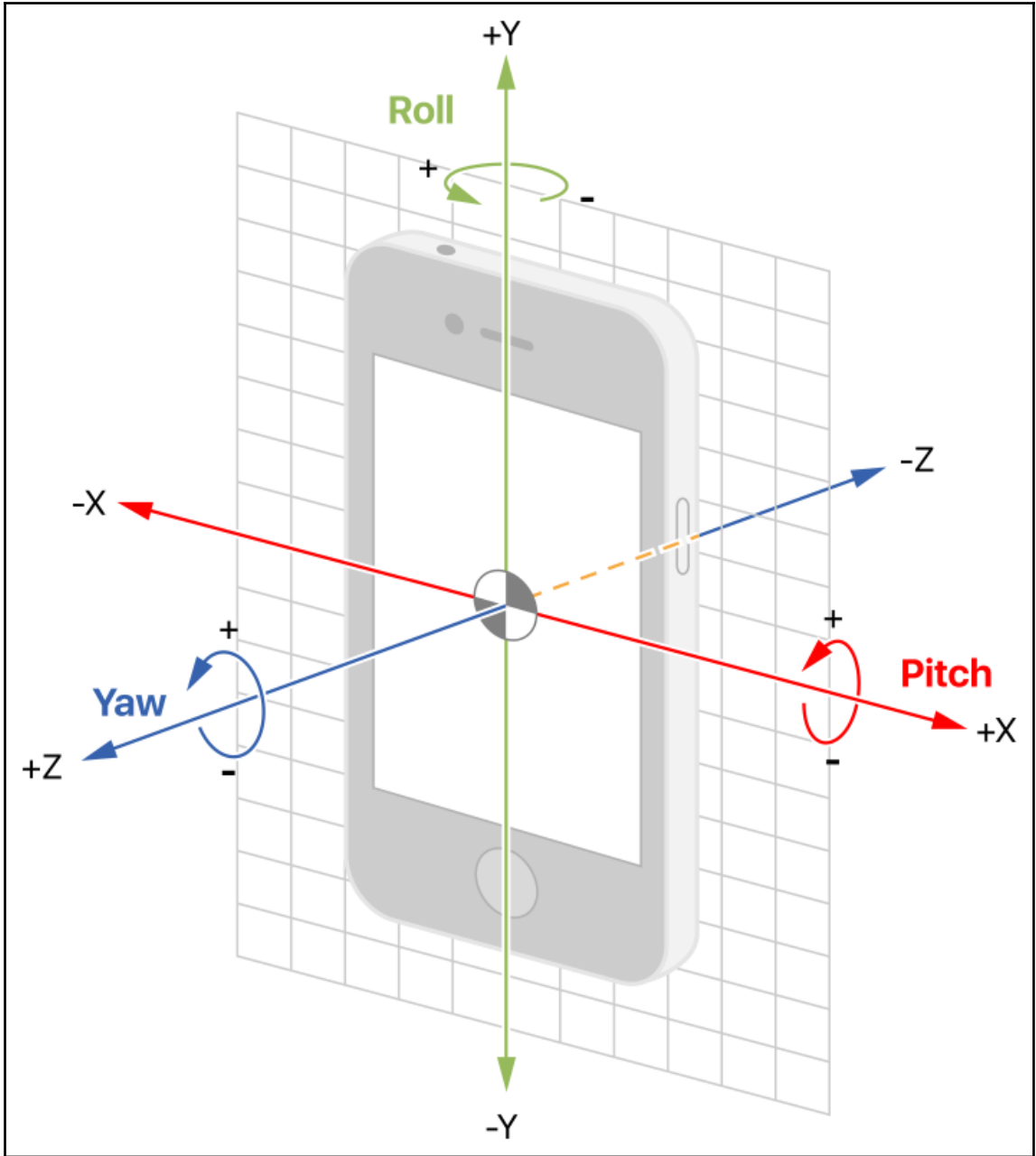


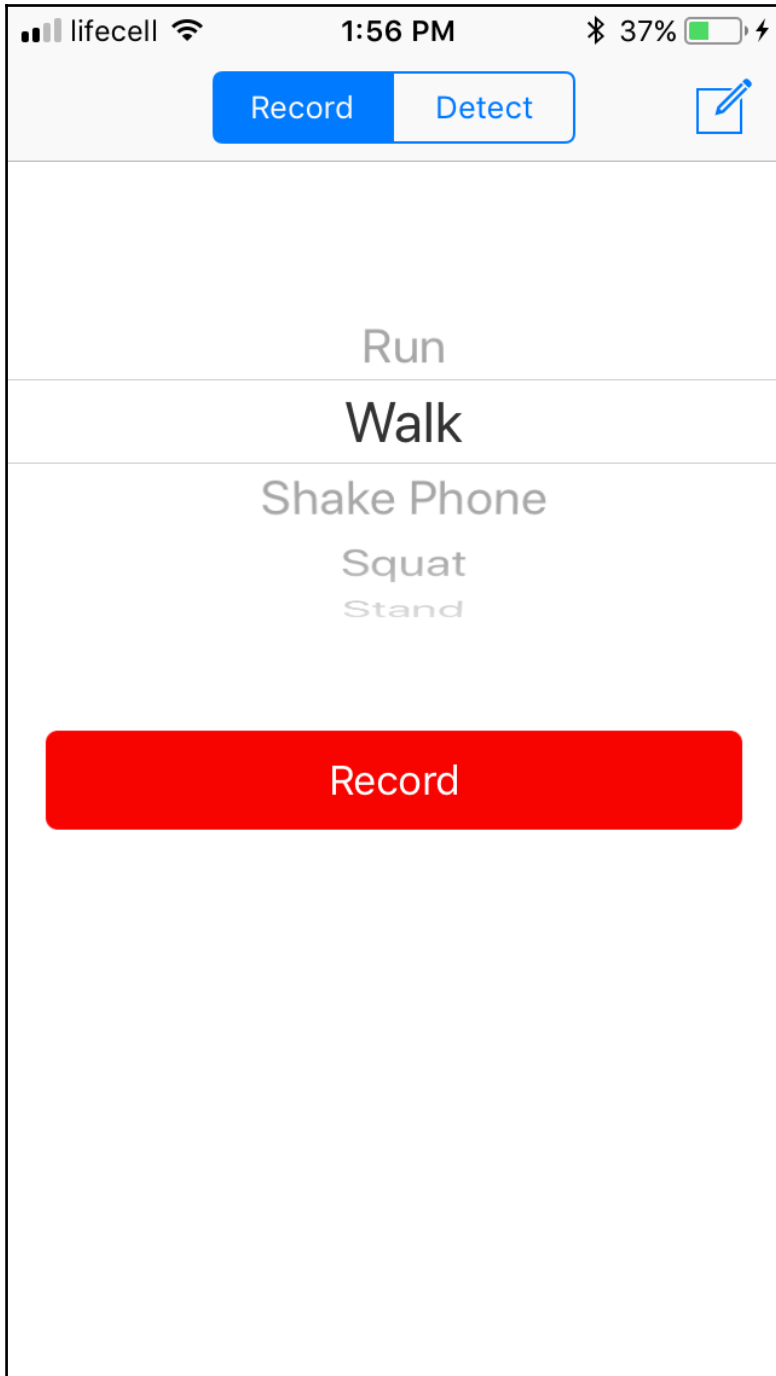


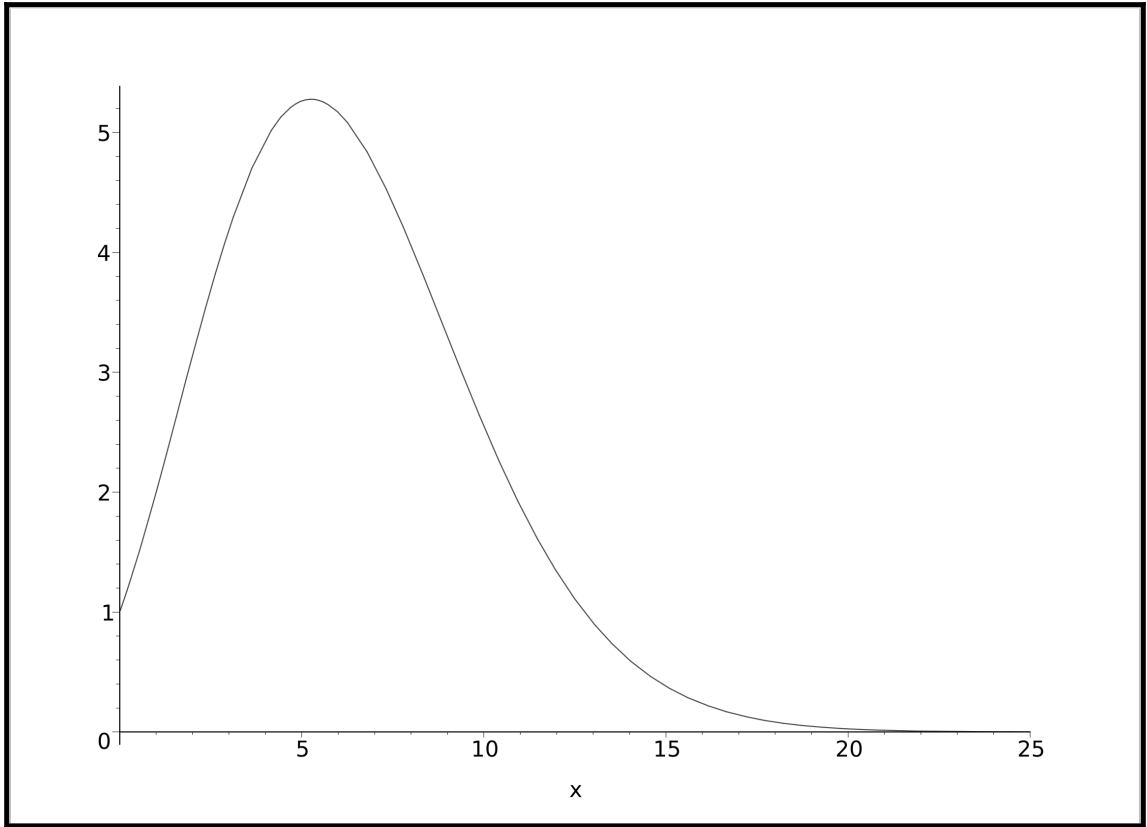




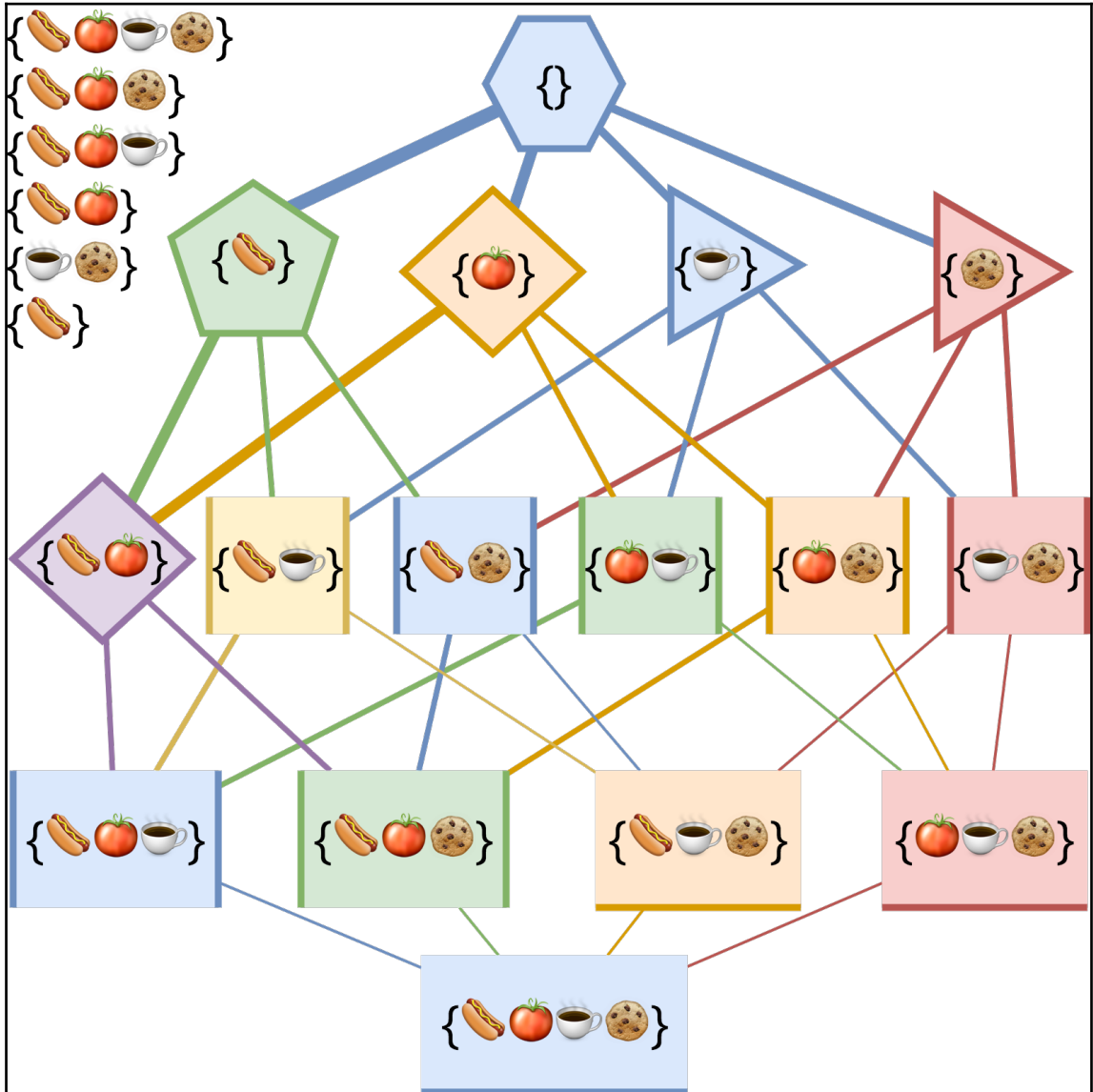


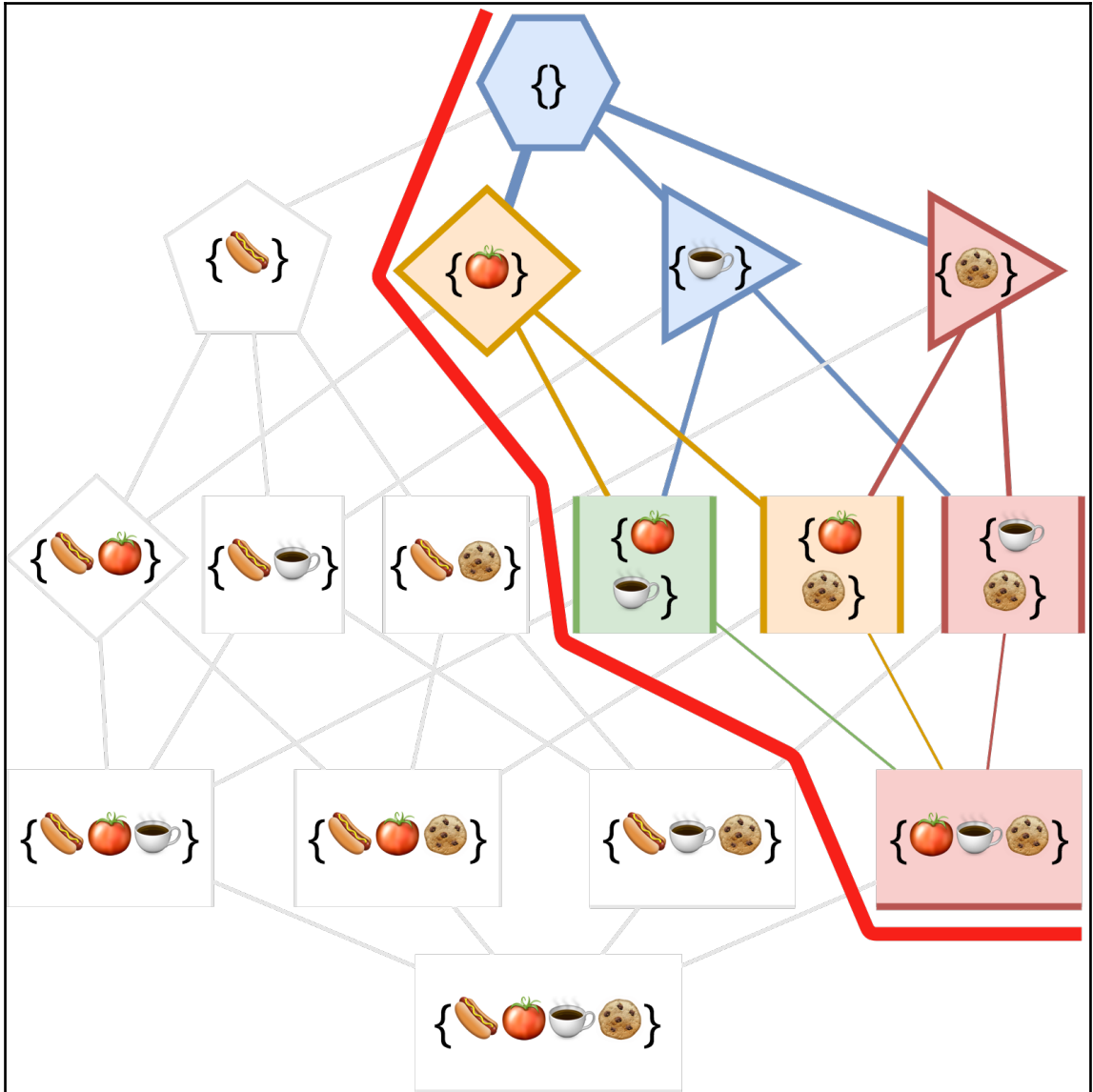


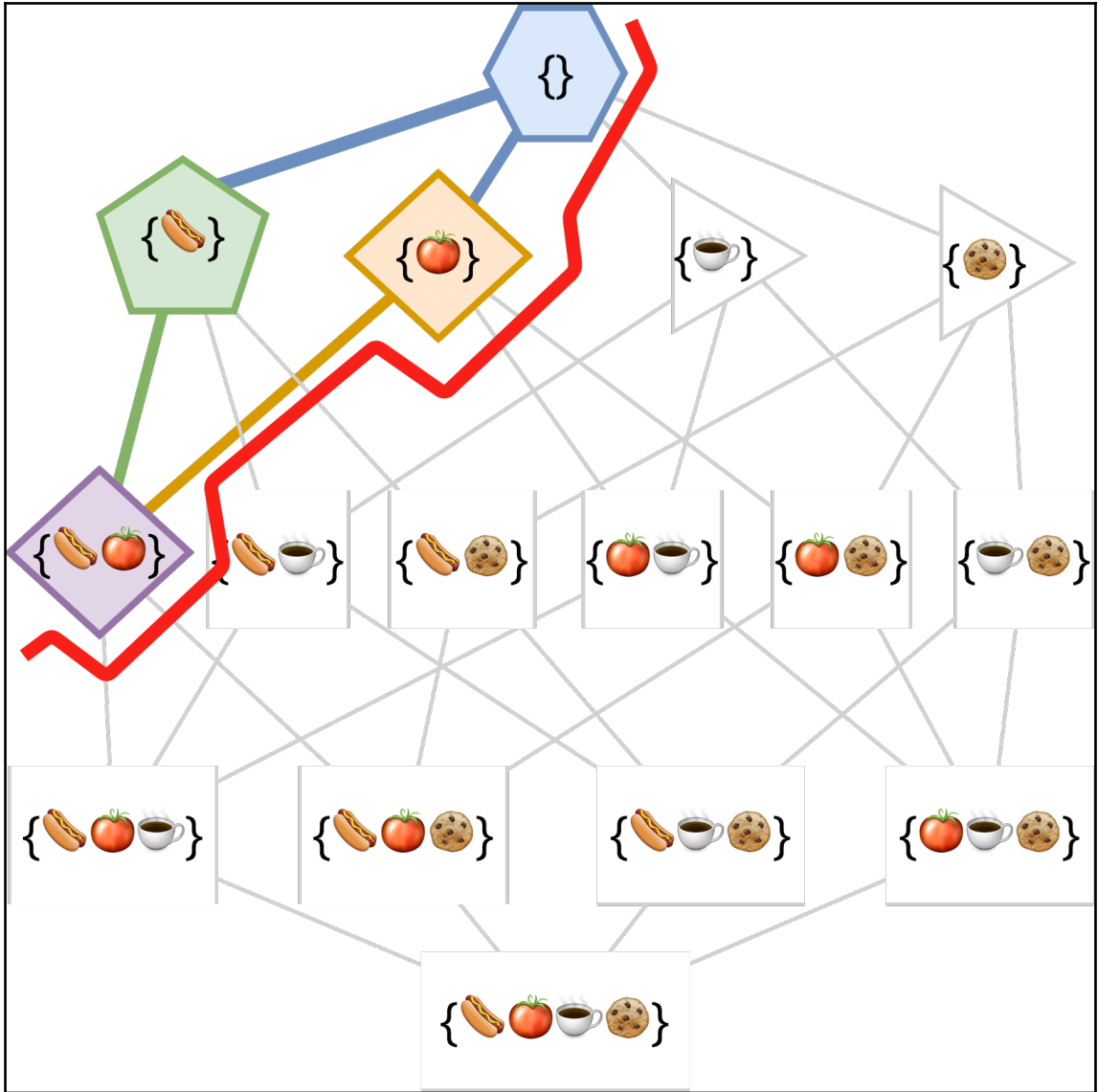




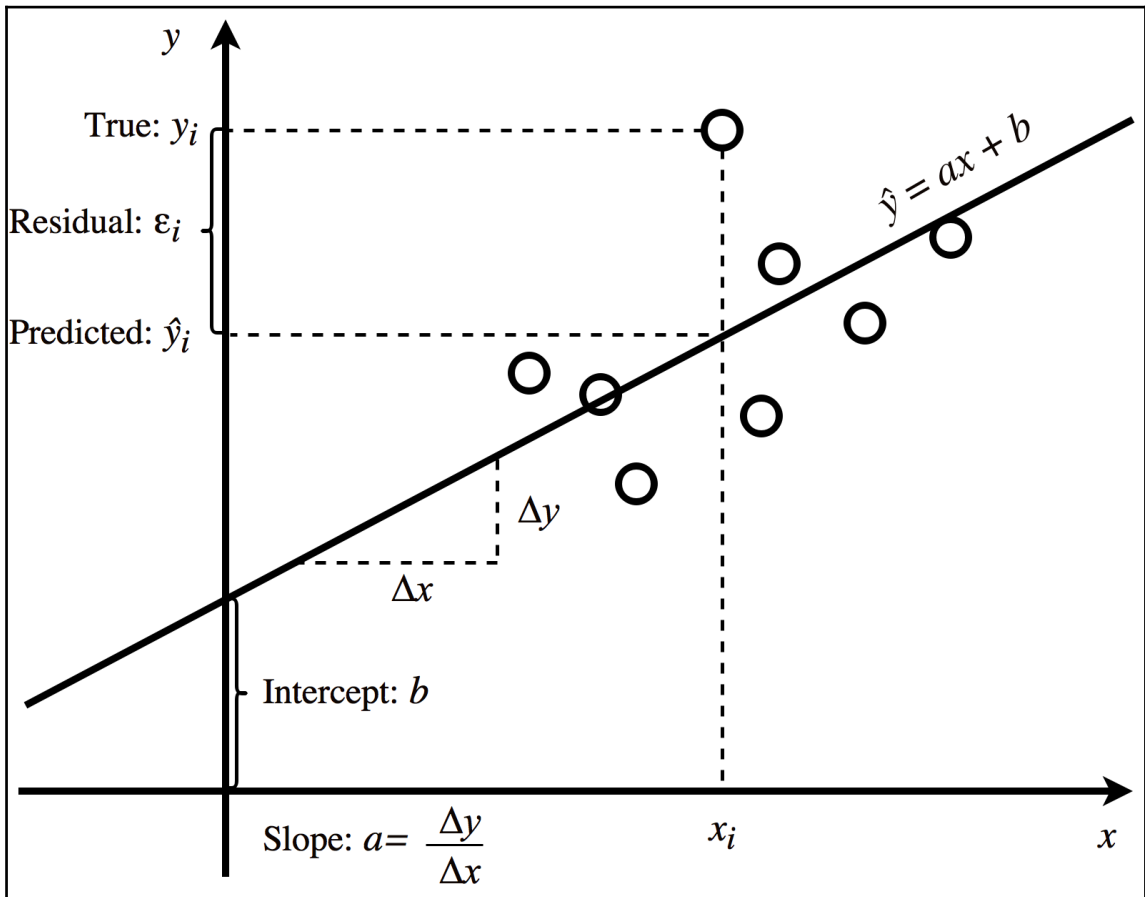
Chapter 5: Association Rule Learning

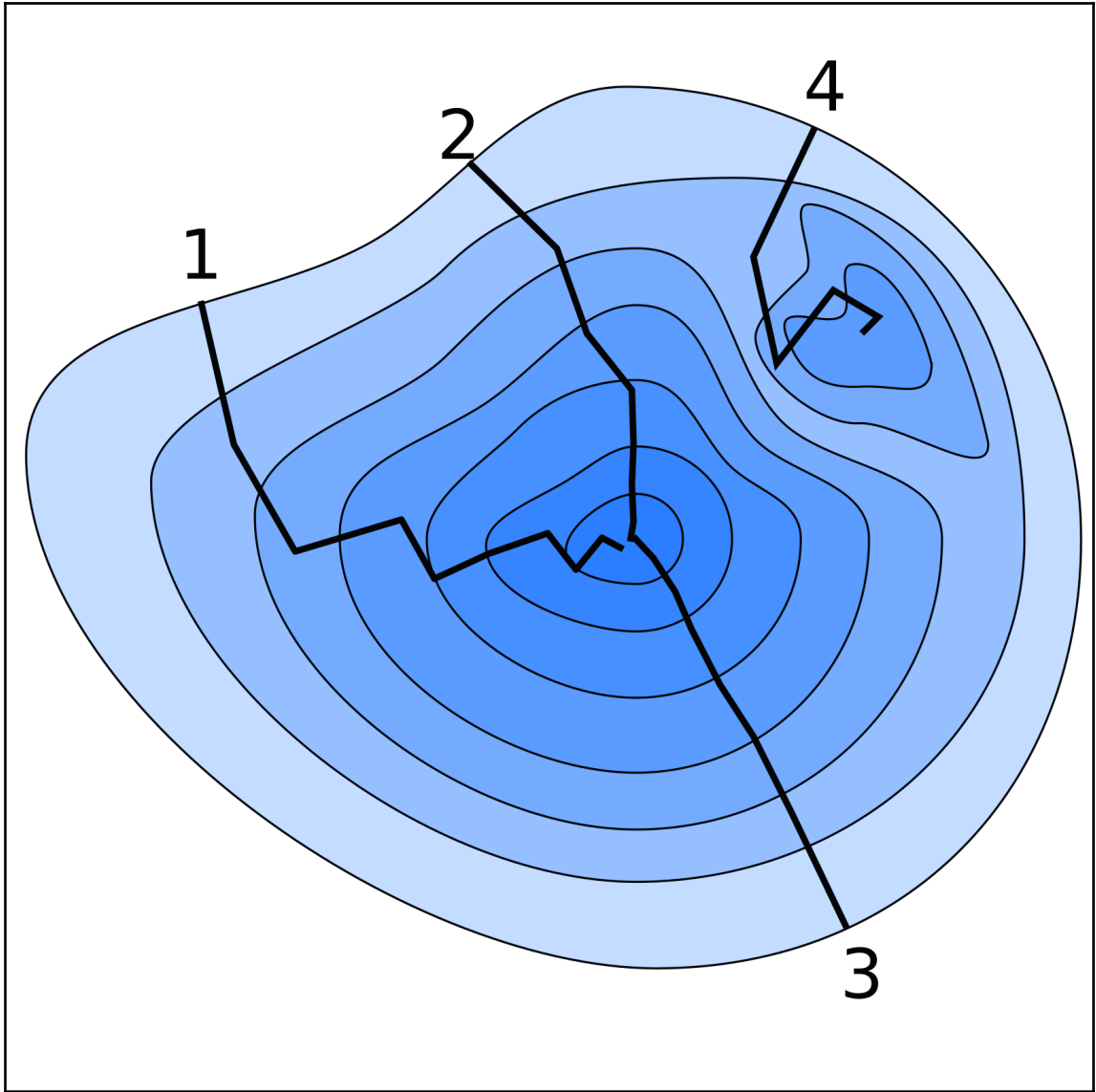


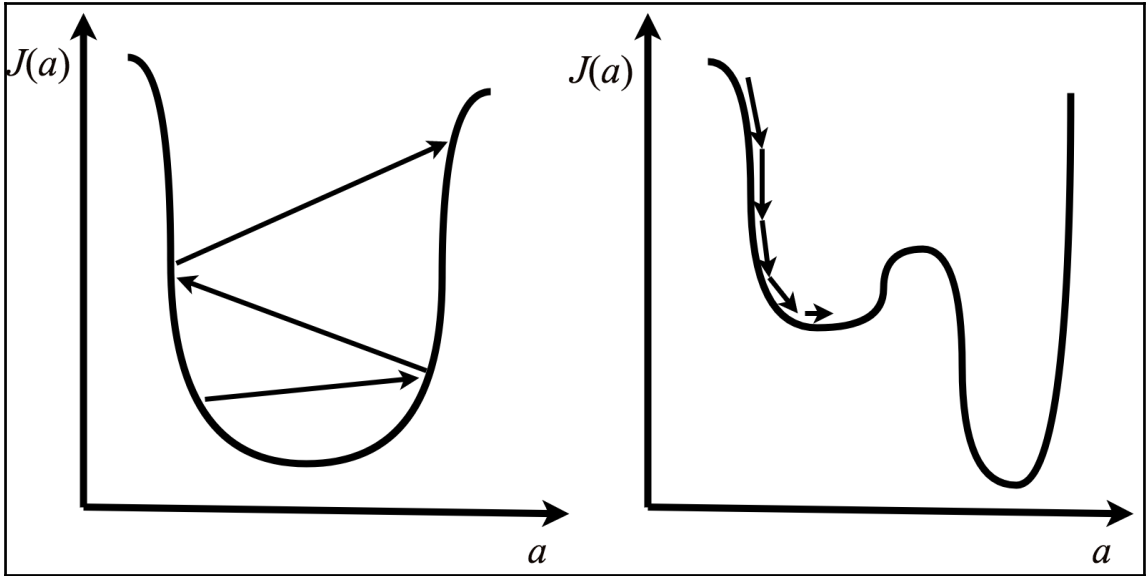


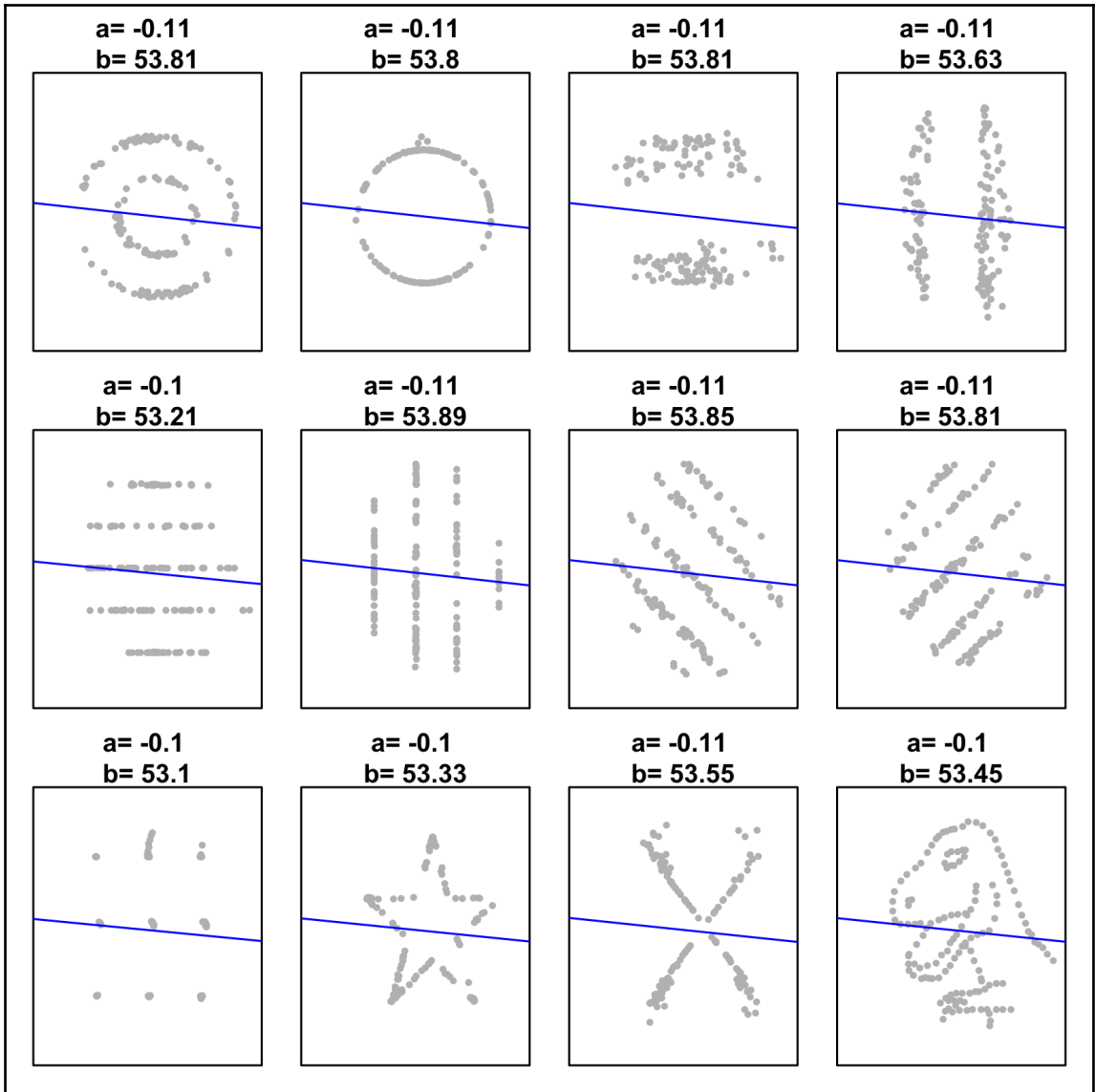


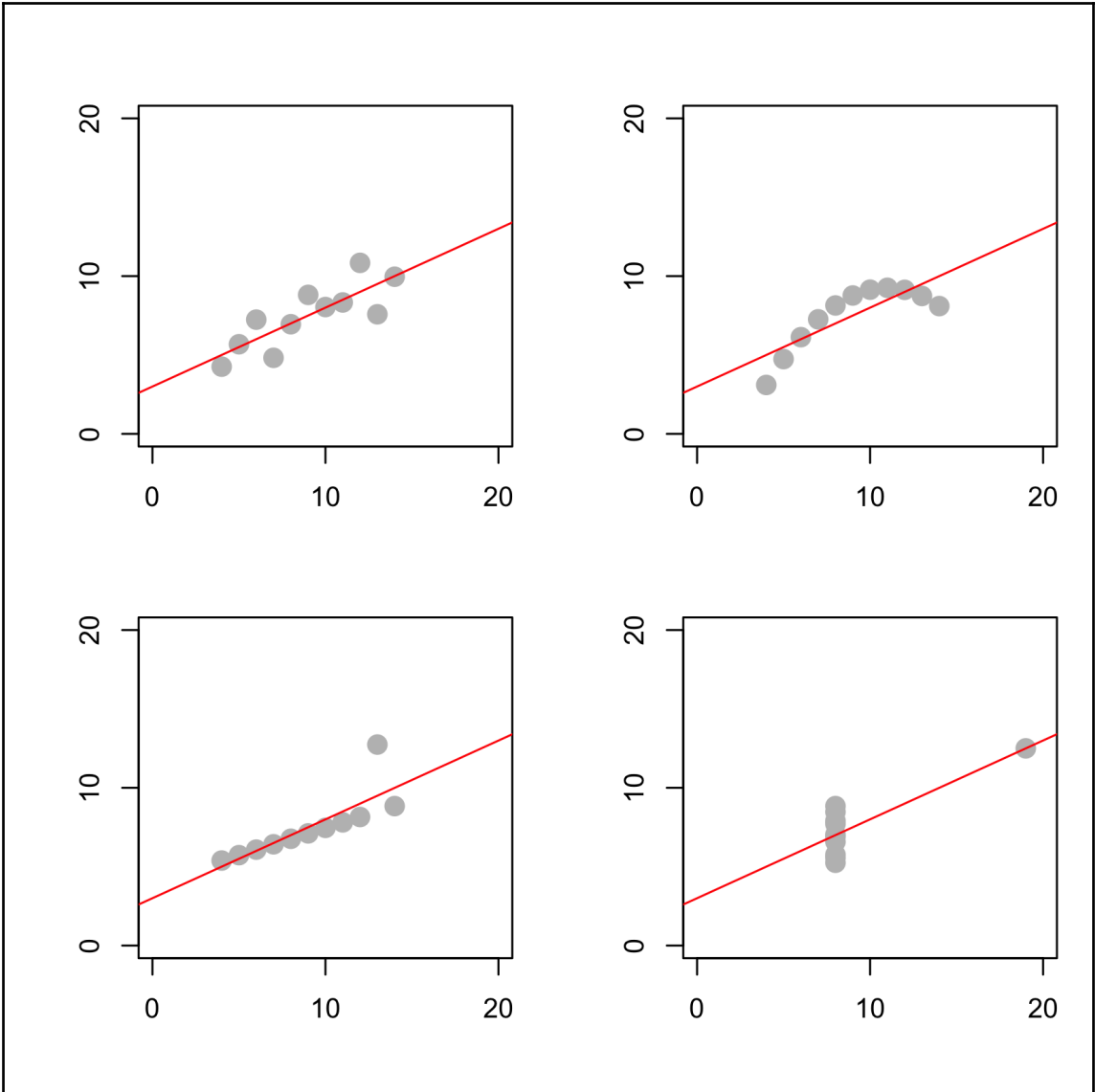
Chapter 6: Linear Regression and Gradient Descent

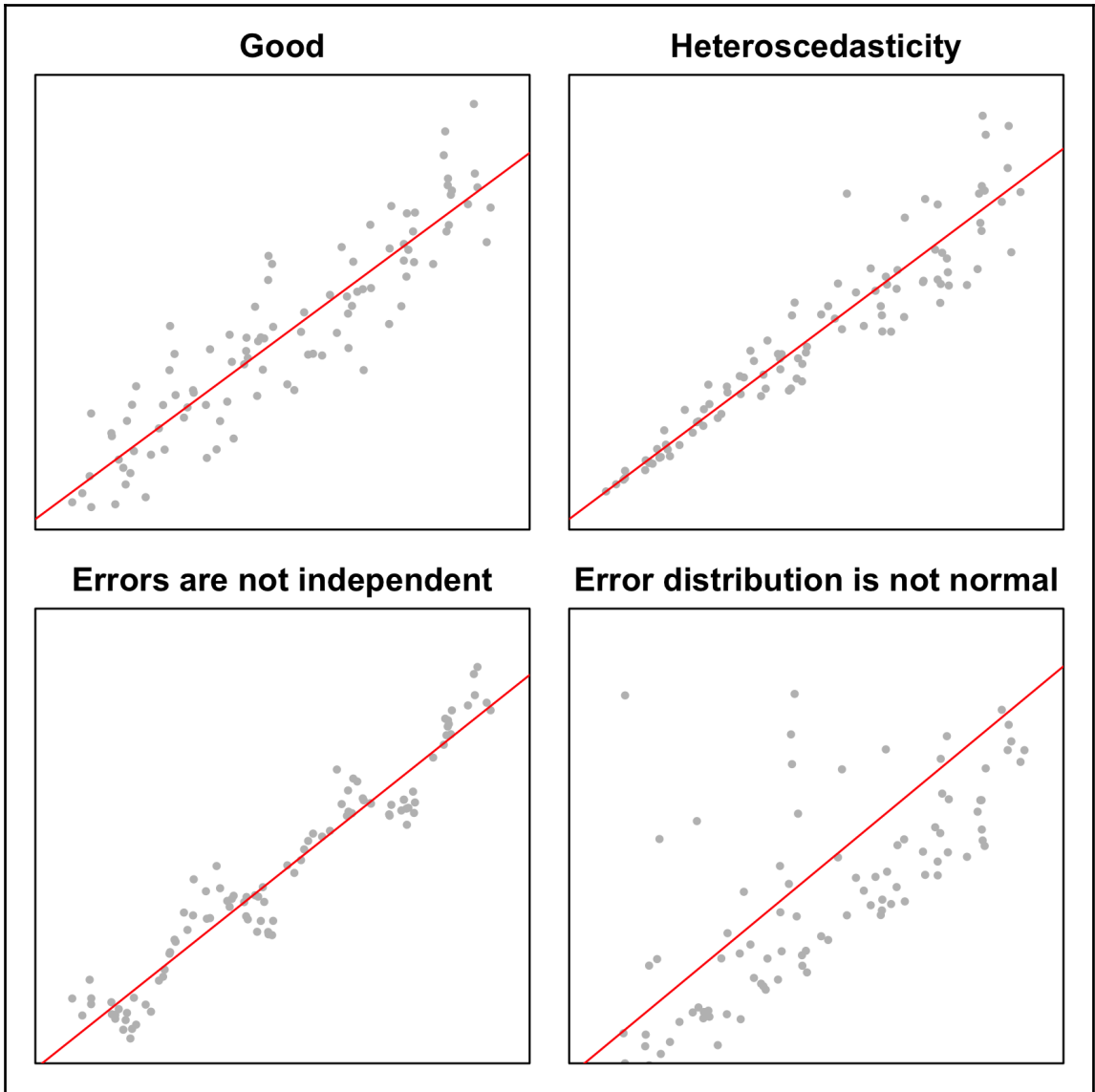


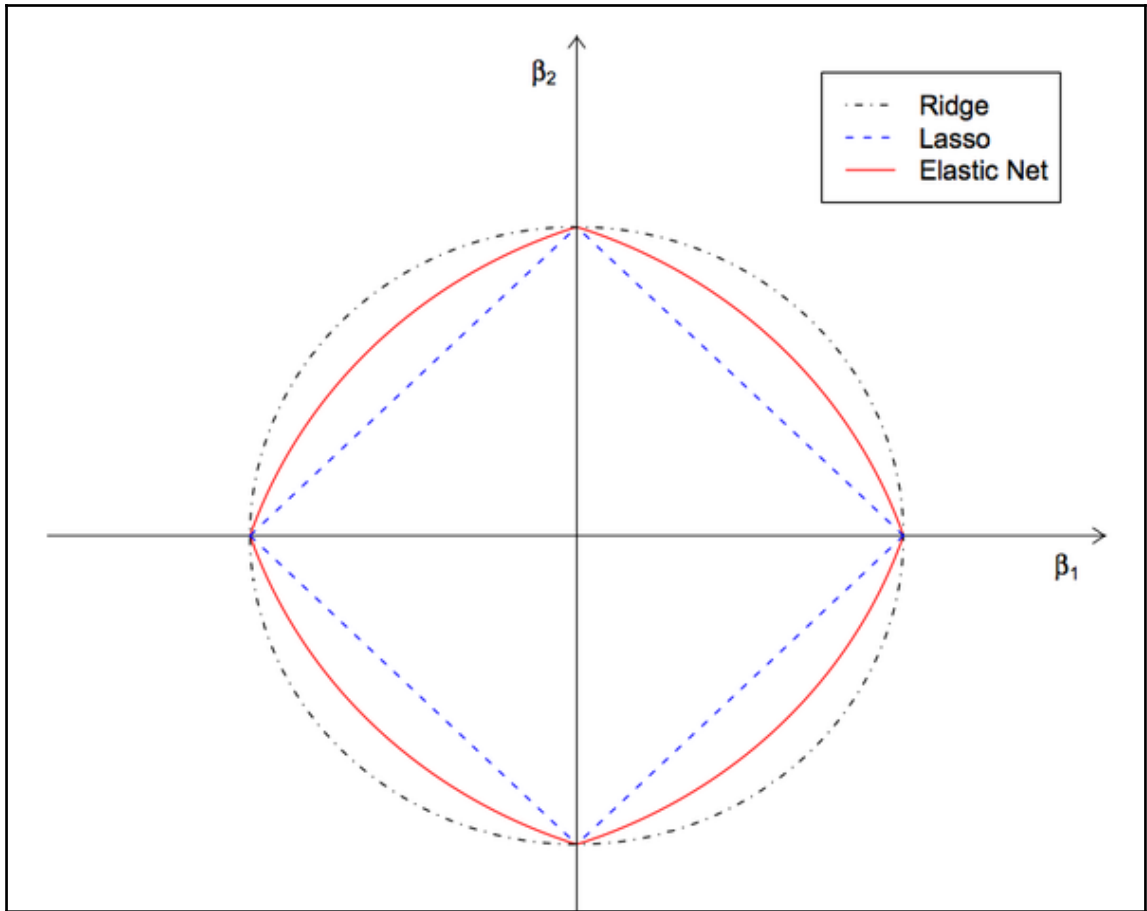




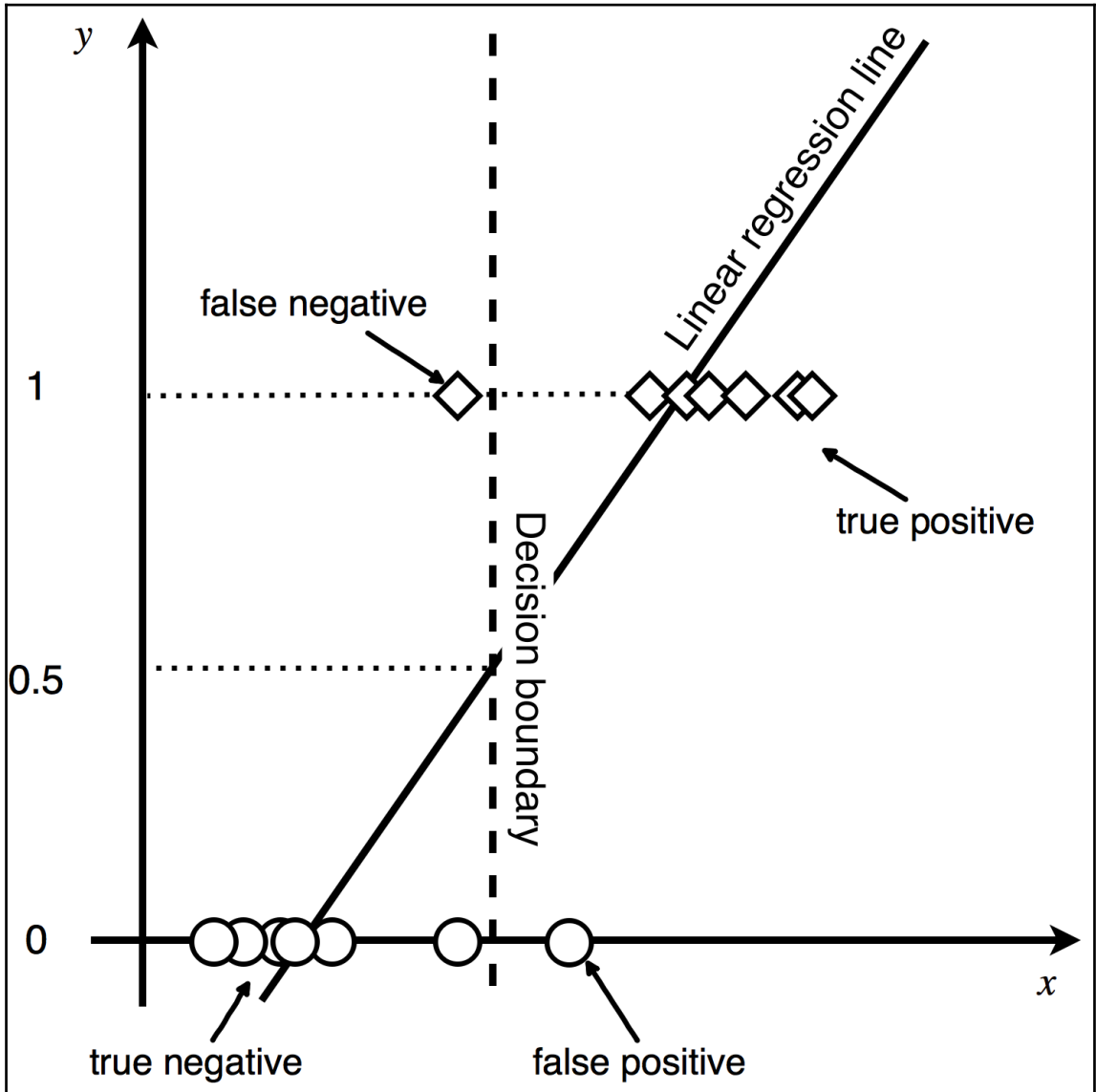


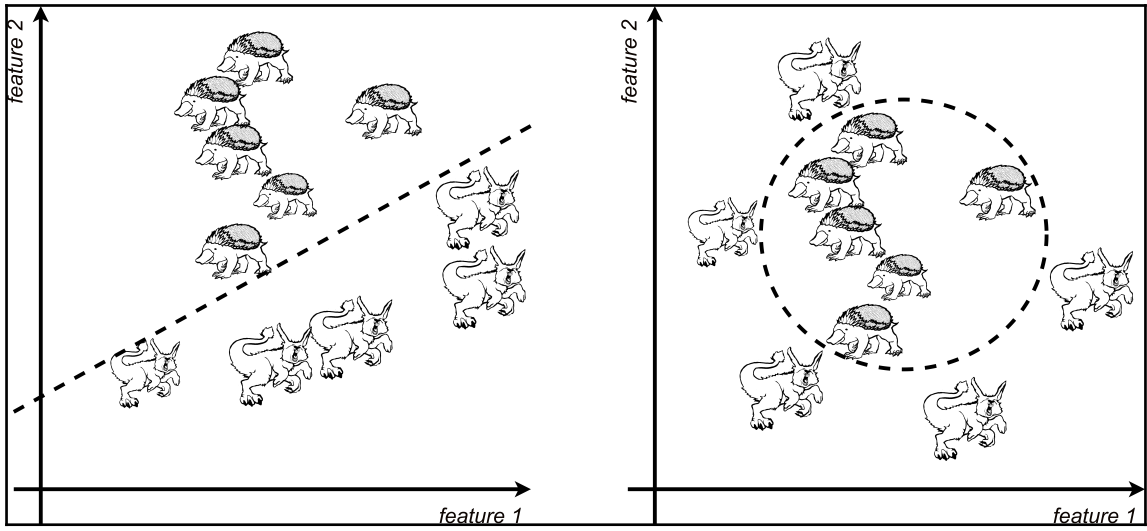


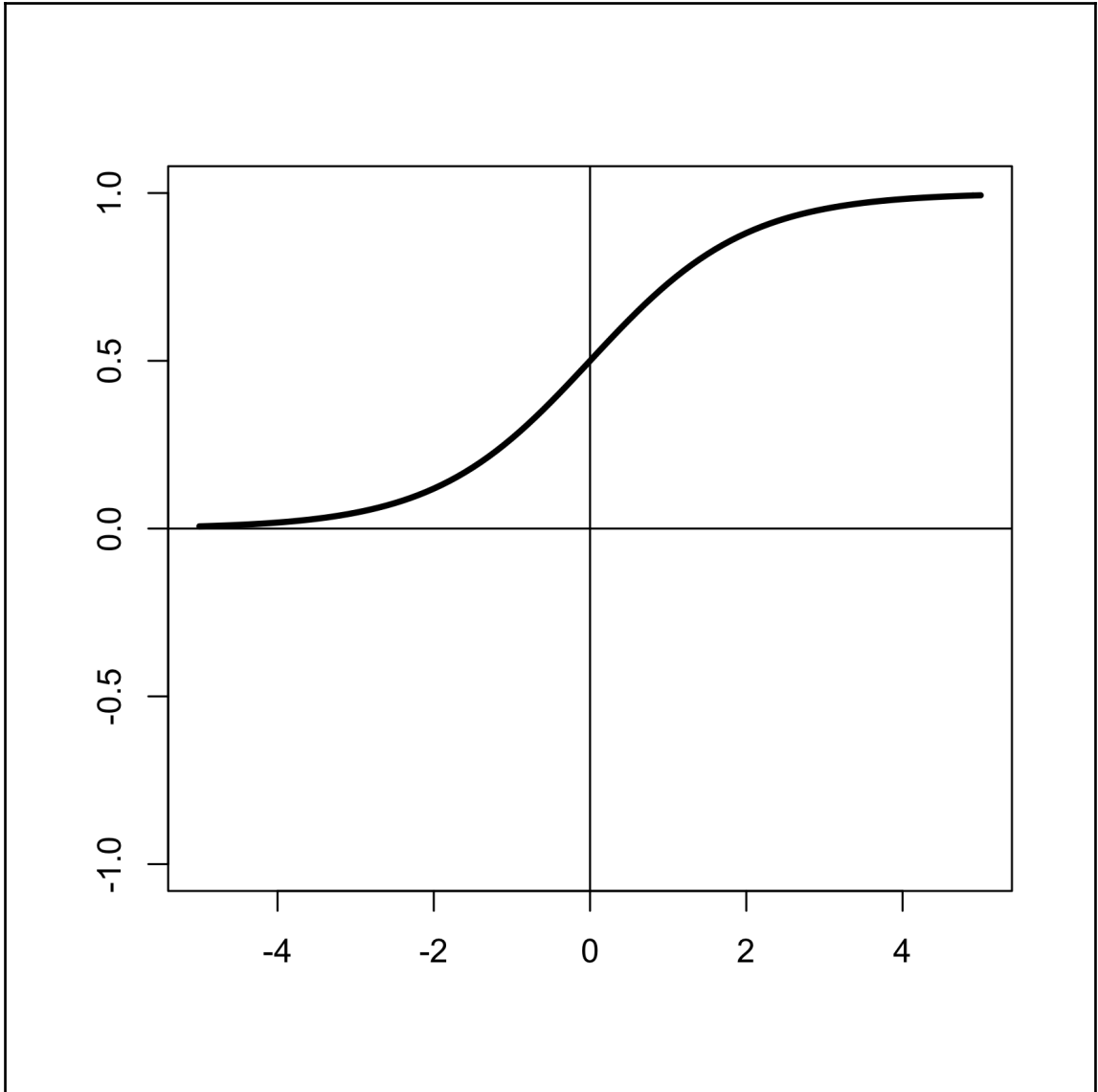


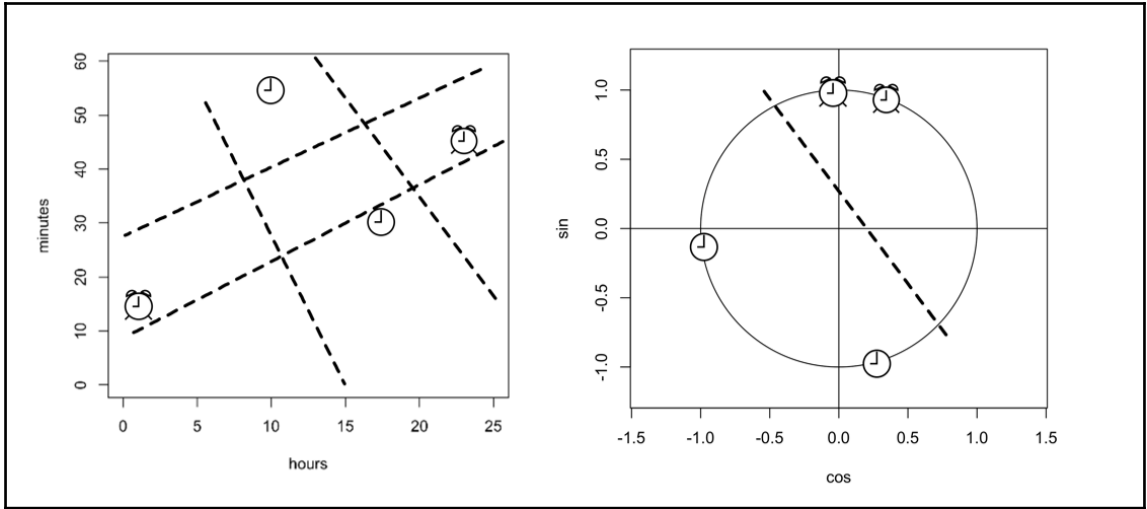


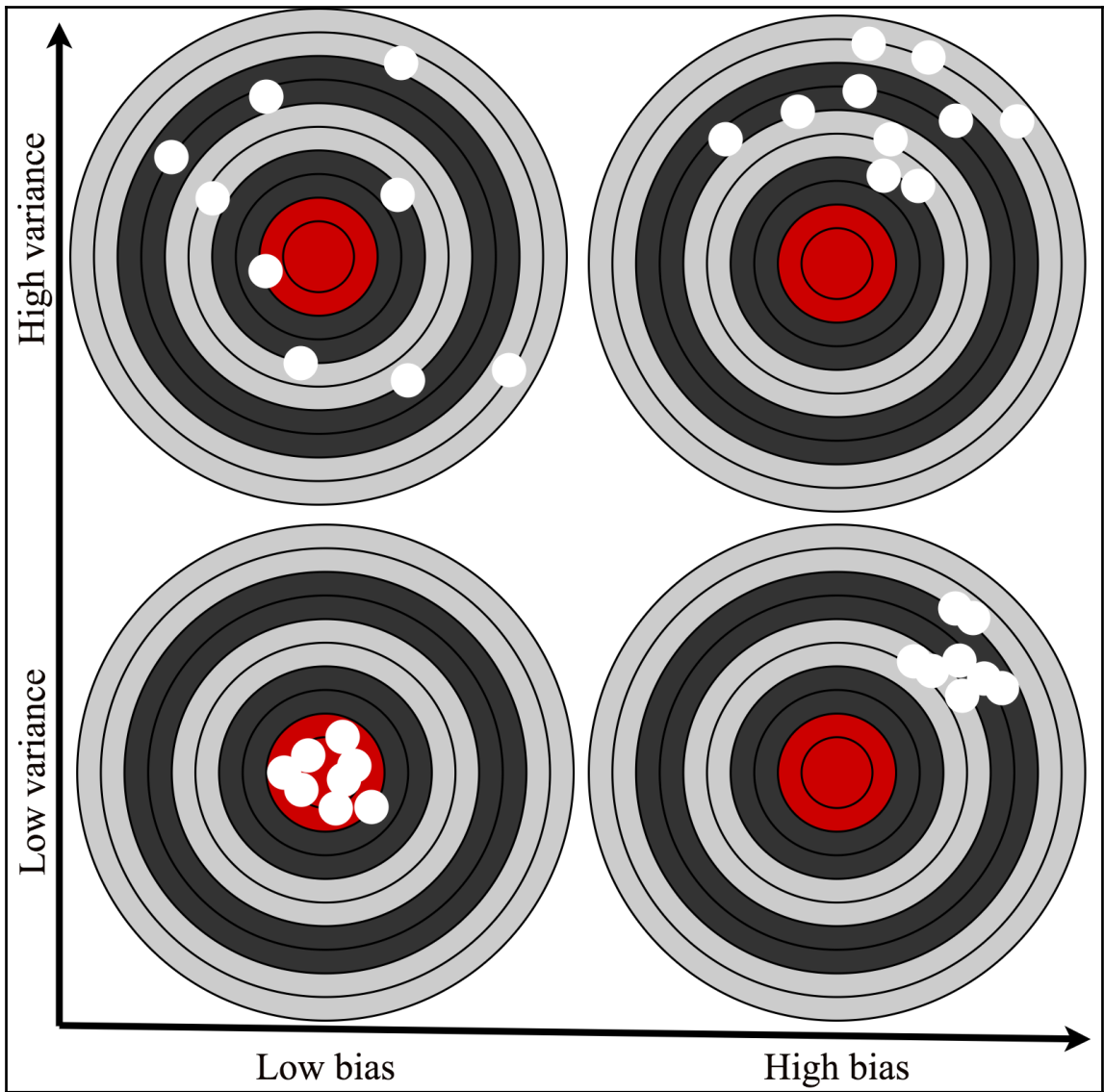
Chapter 7: Linear Classifier and Logistic Regression



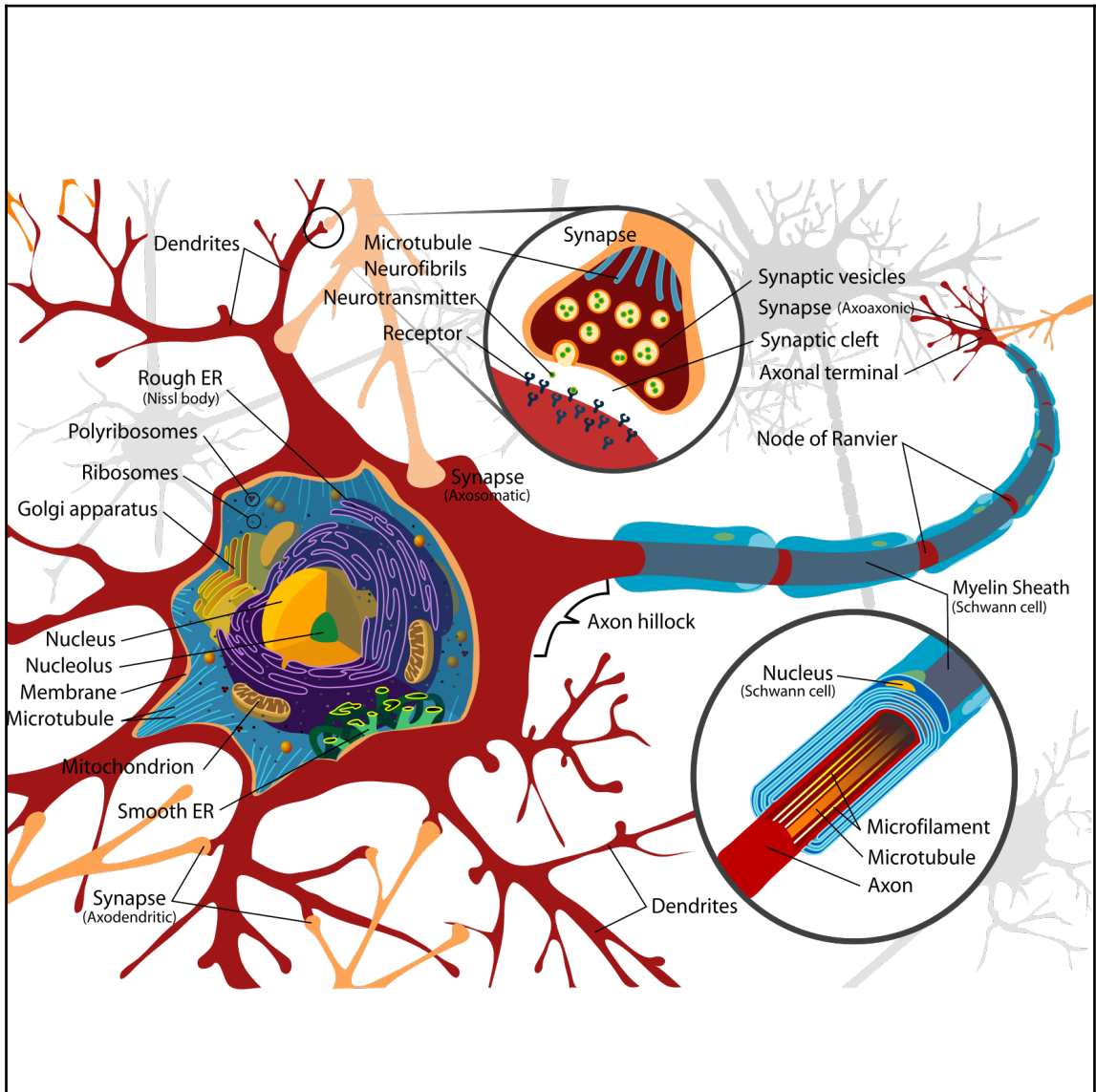


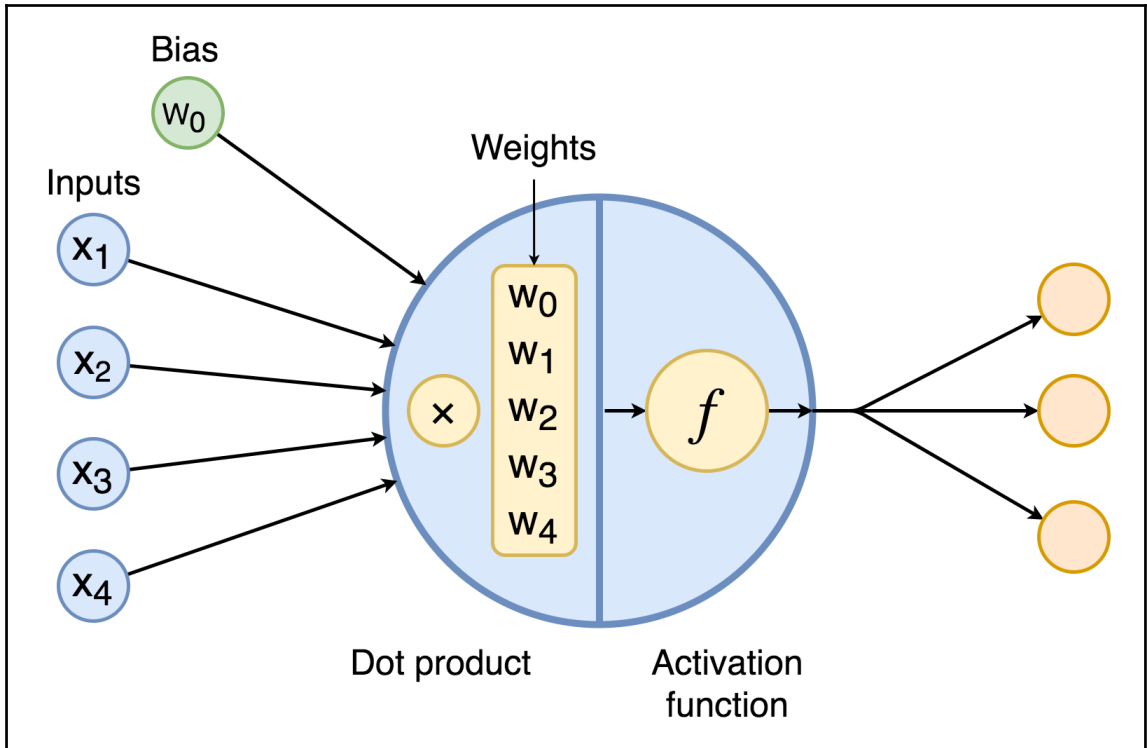


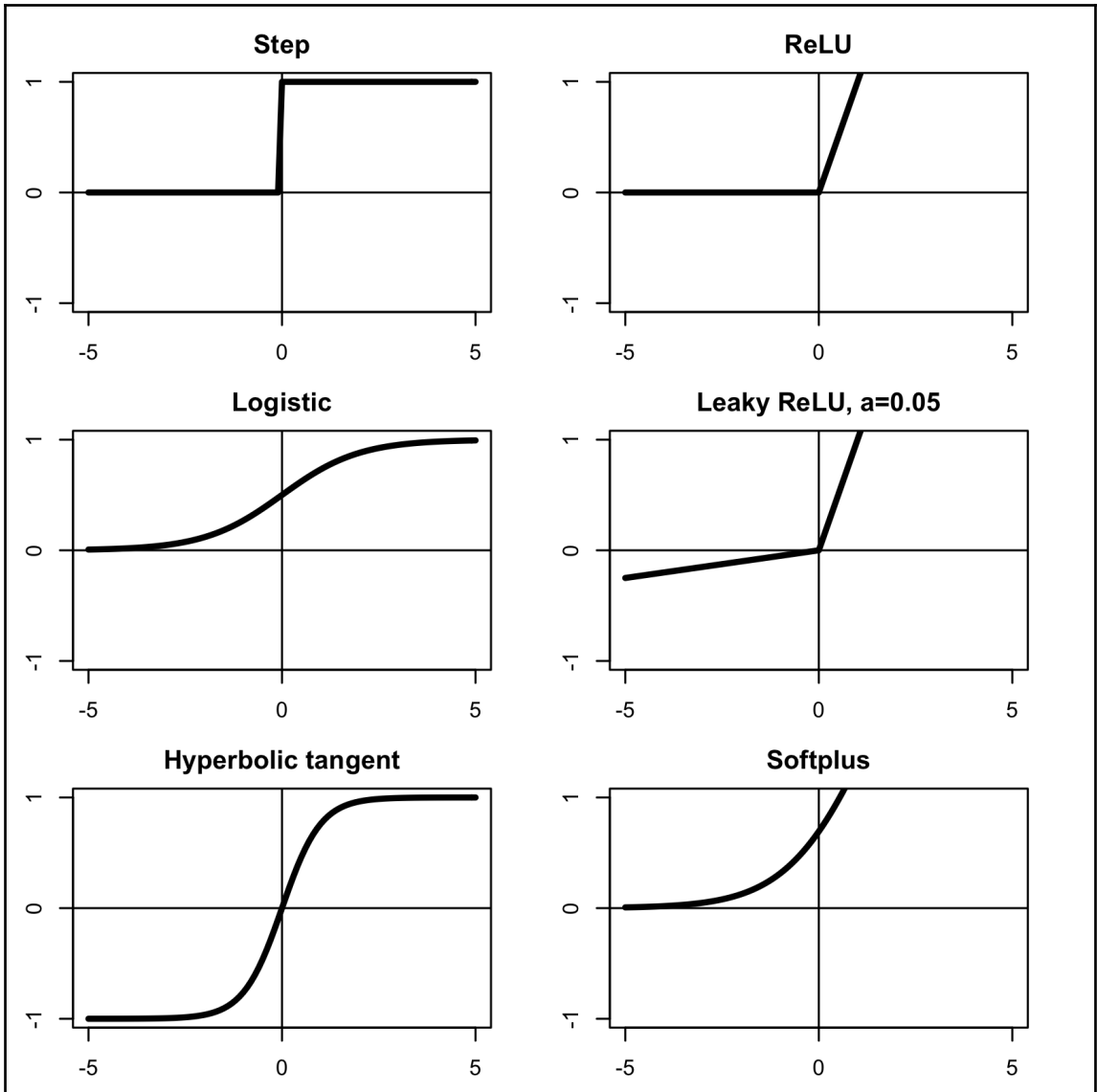


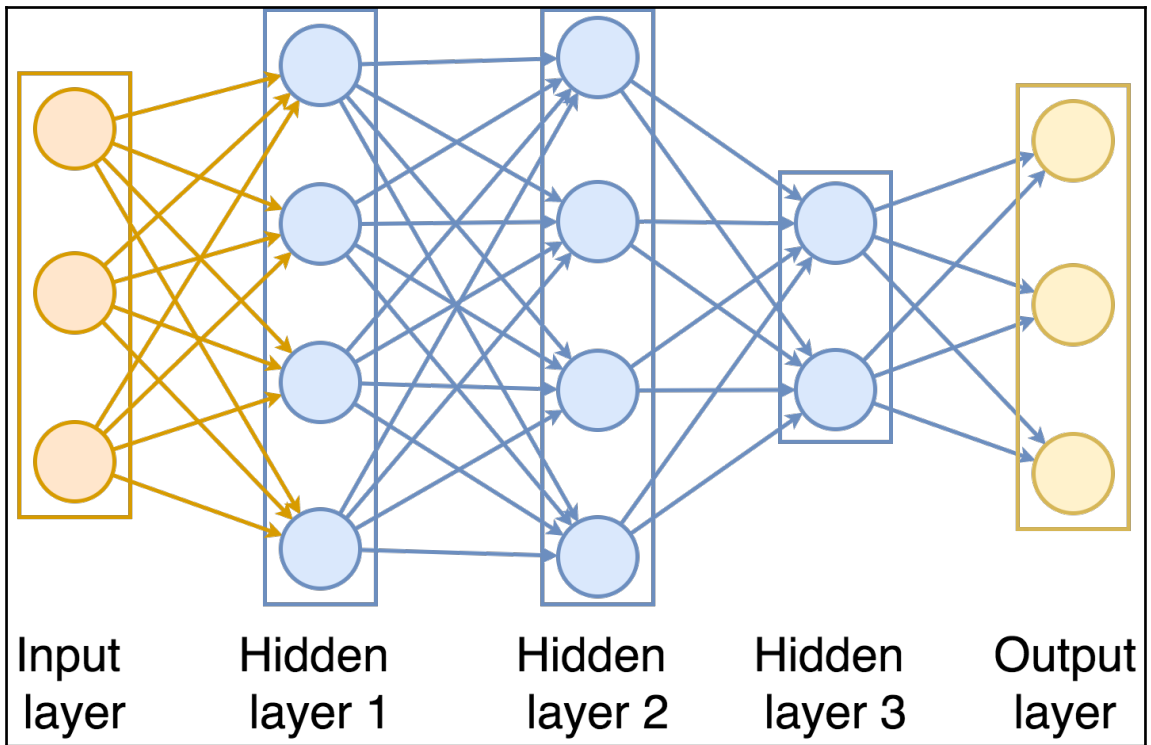


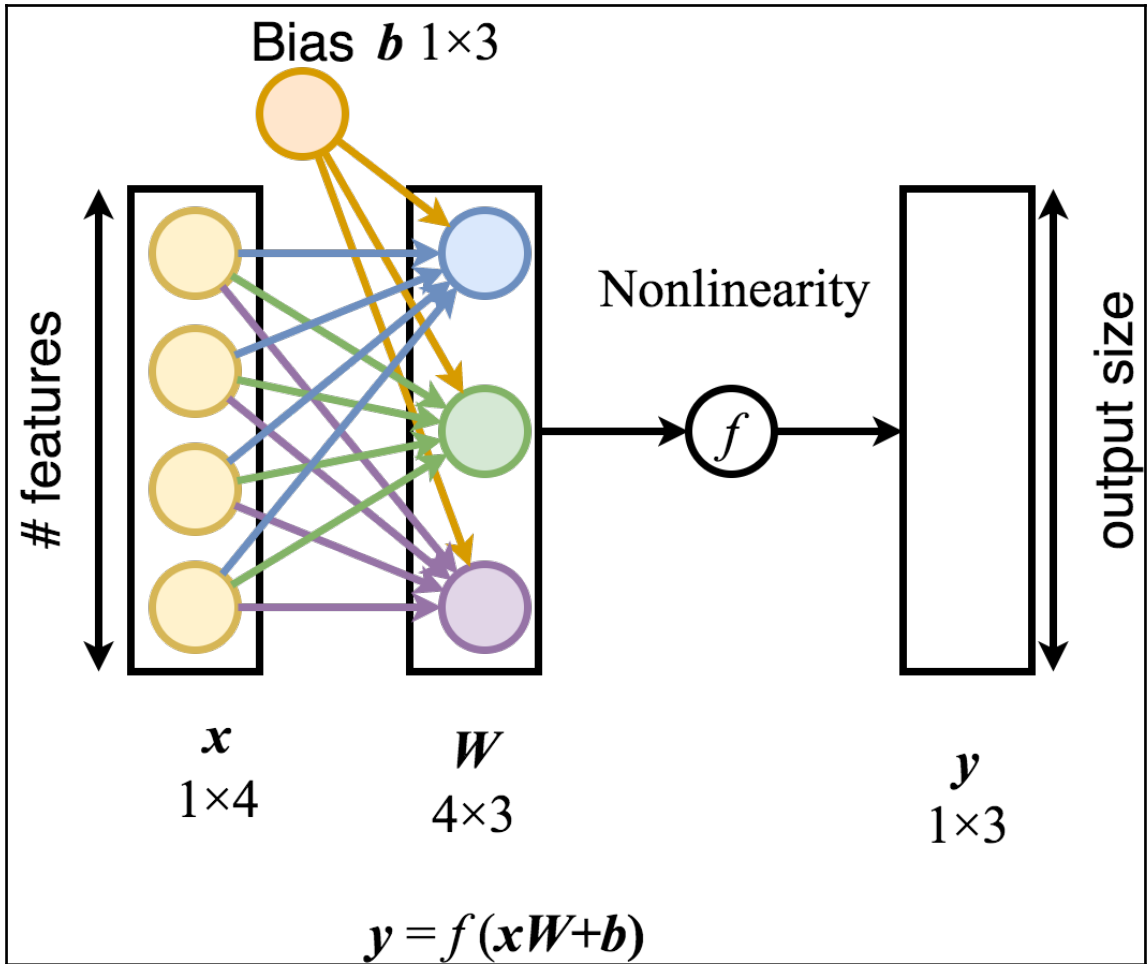
Chapter 8: Neural Networks

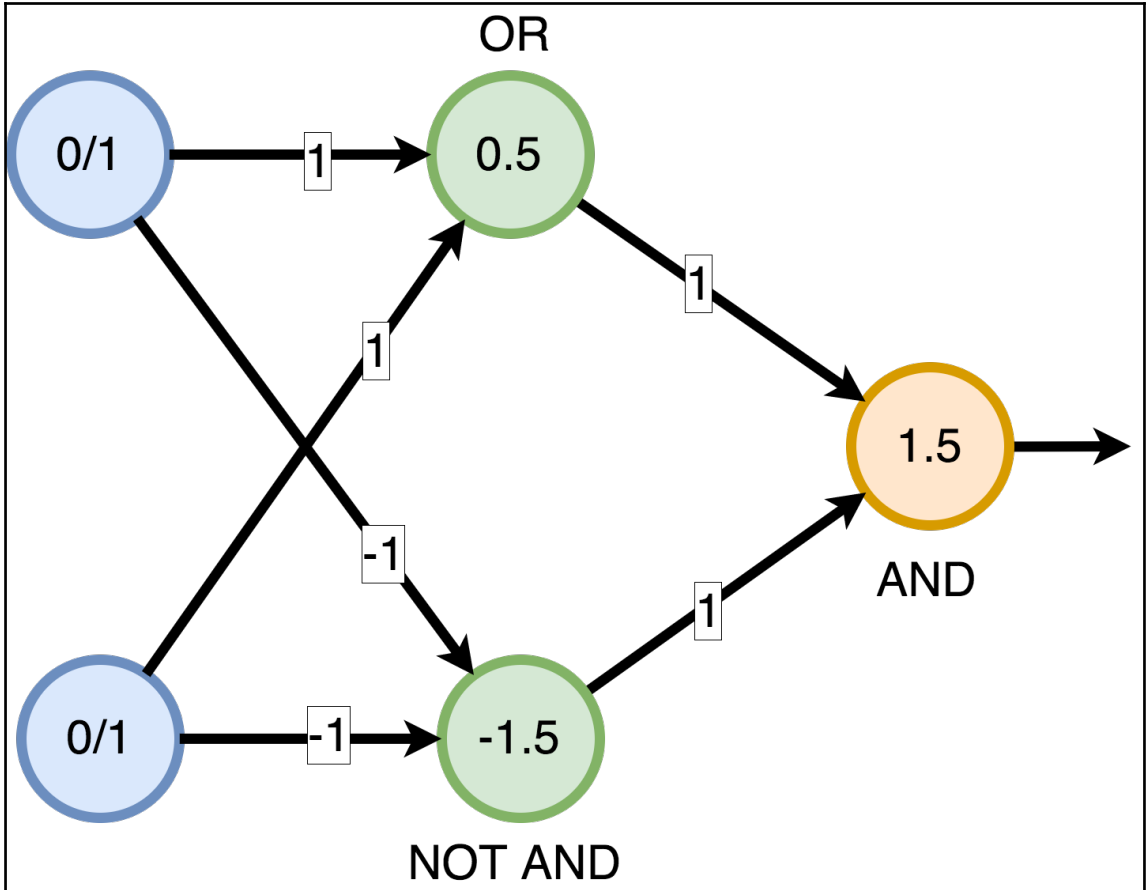




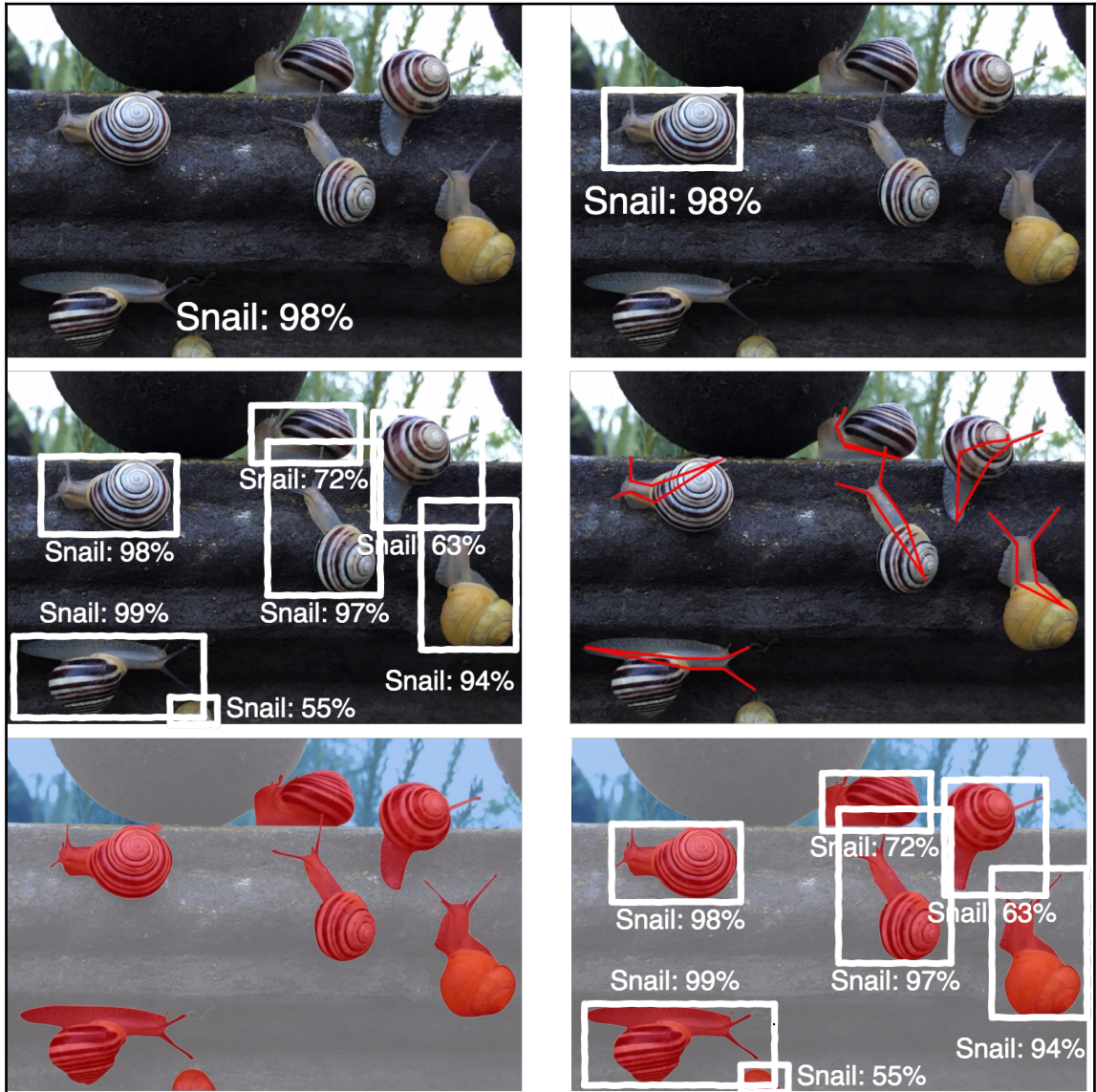








Chapter 9: Convolutional Neural Networks



0	1	0	4	5
2	3	2	1	3
4	4	0	4	3
2	5	2	6	4
1	0	0	5	7

Image

4	4	5
5	6	6
5	6	7

Max pooling,
3x3, stride 1,
padding: valid

1.8	2.4
2	3.4

Average pooling
3x3, stride 2,
padding: valid

0	0	0	0	0	0	0
0	0	1	0	4	5	0
0	2	3	2	1	3	0
0	4	4	0	4	3	0
0	2	5	2	6	4	0
0	1	0	0	5	7	0
0	0	0	0	0	0	0

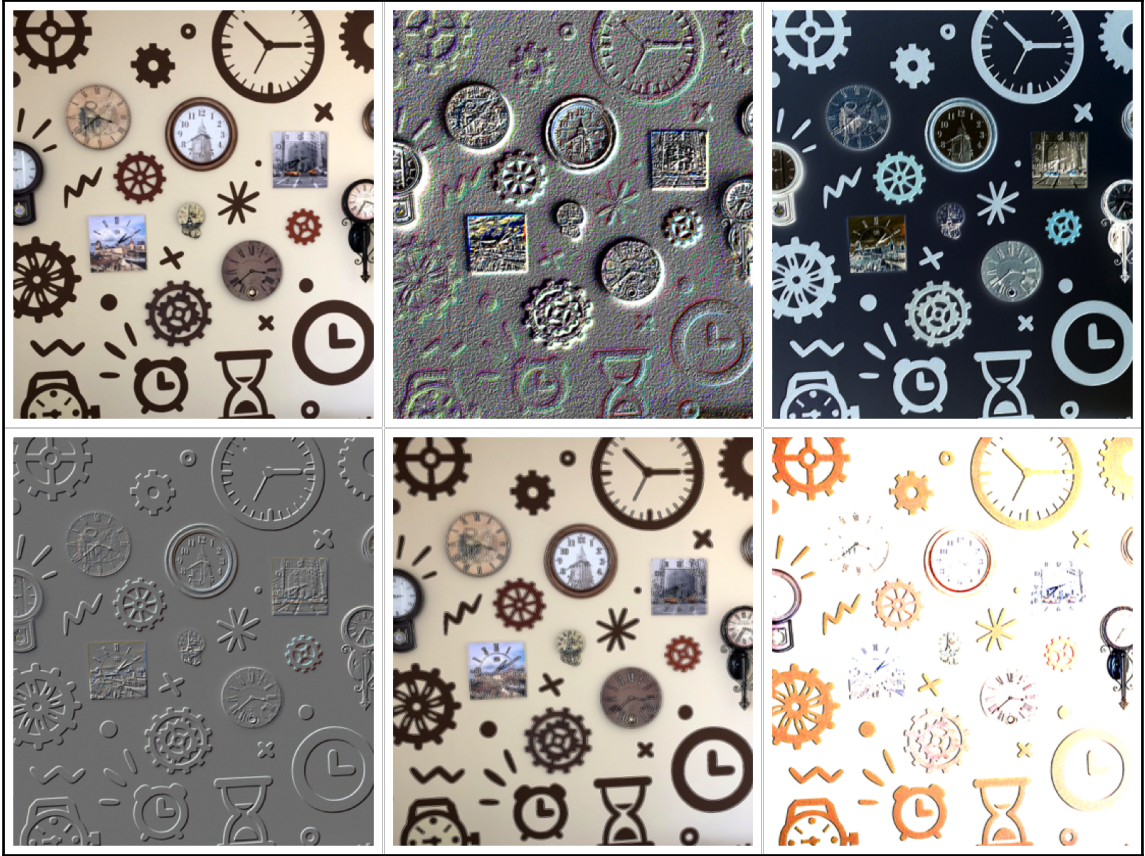
Image with zero padding

3	3	4	5	5
4	4	4	5	5
5	5	6	6	6
5	5	6	7	7
5	5	6	7	7

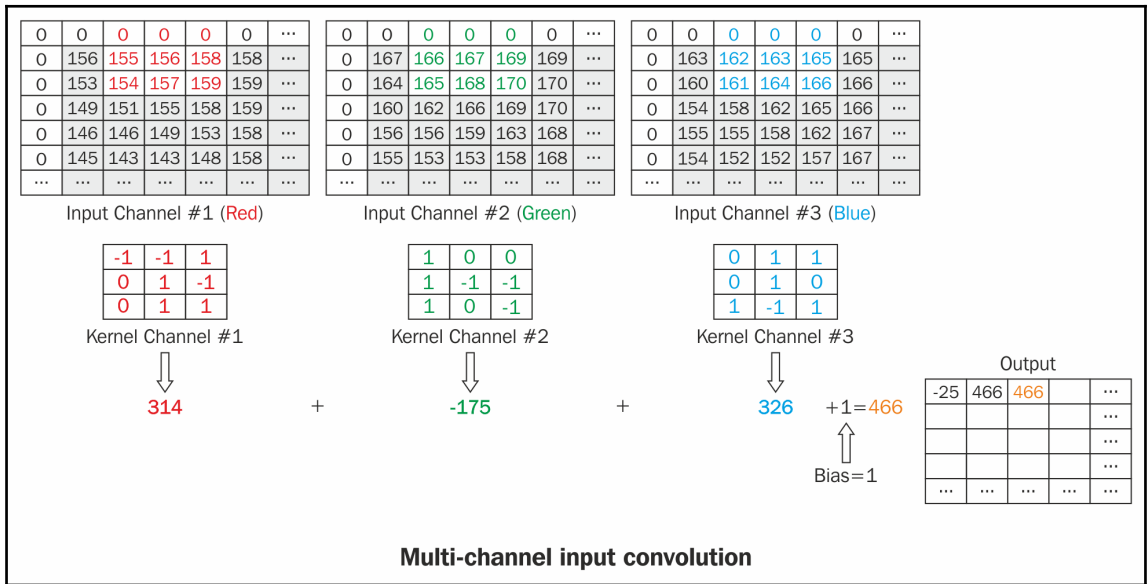
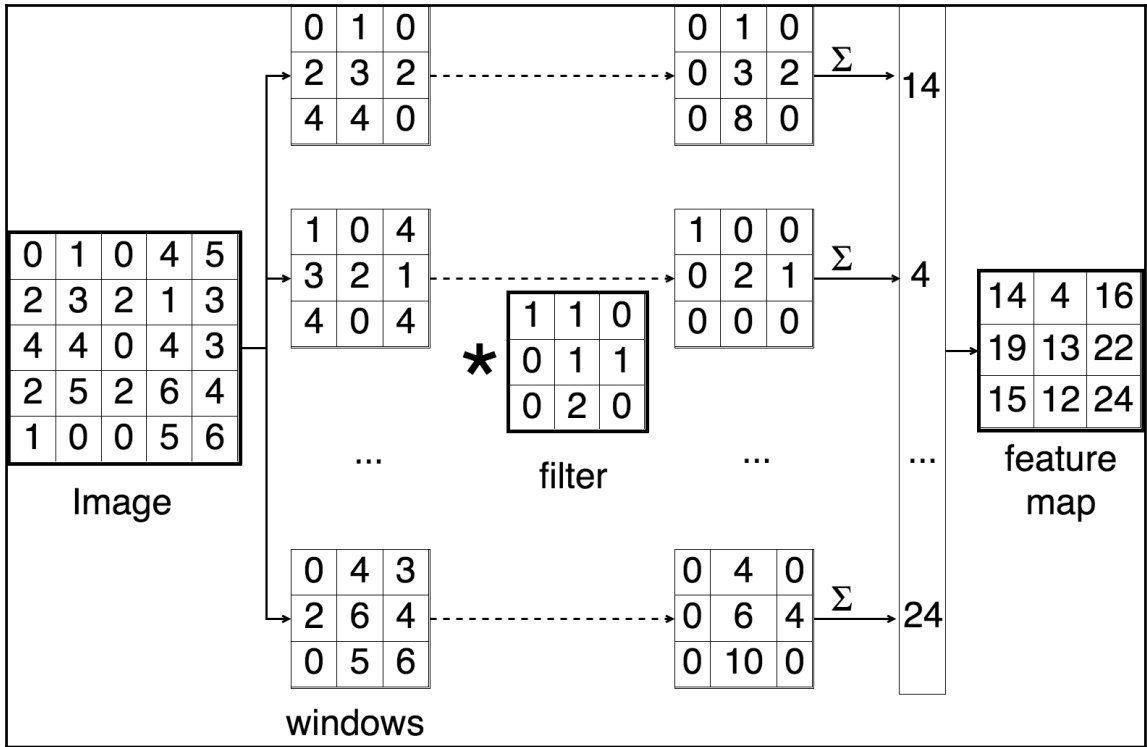
Max pooling,
3x3, stride 1,
padding: zero

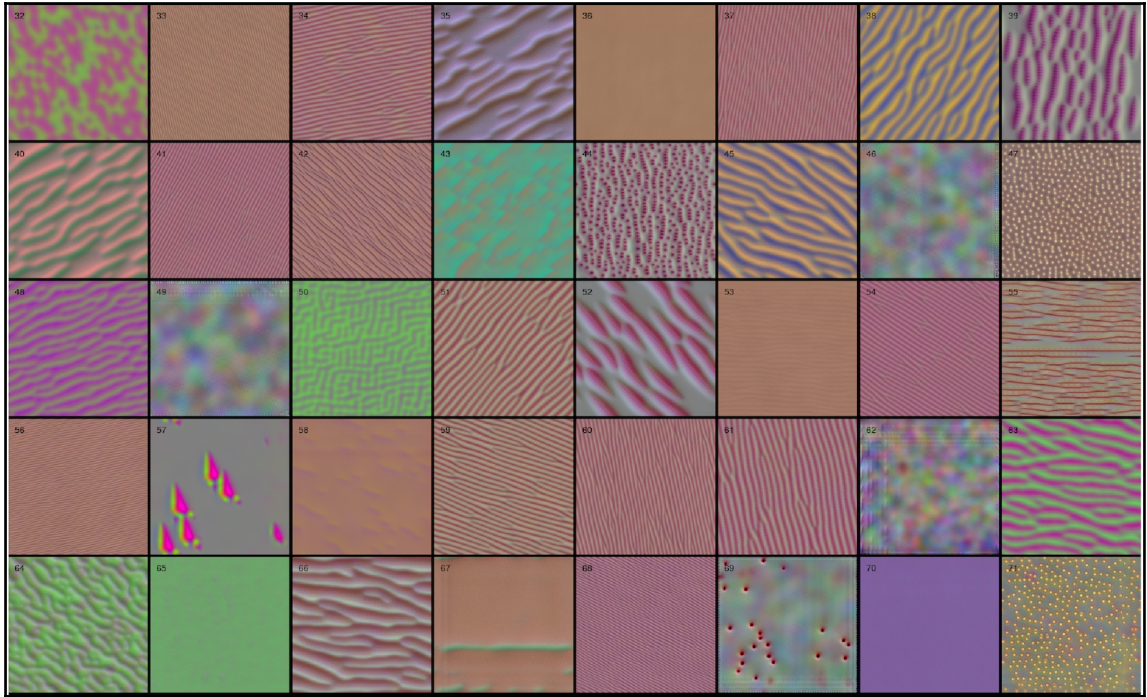
0.7	1.2	1.4
2.2	3	2.3
0.9	2	2.4

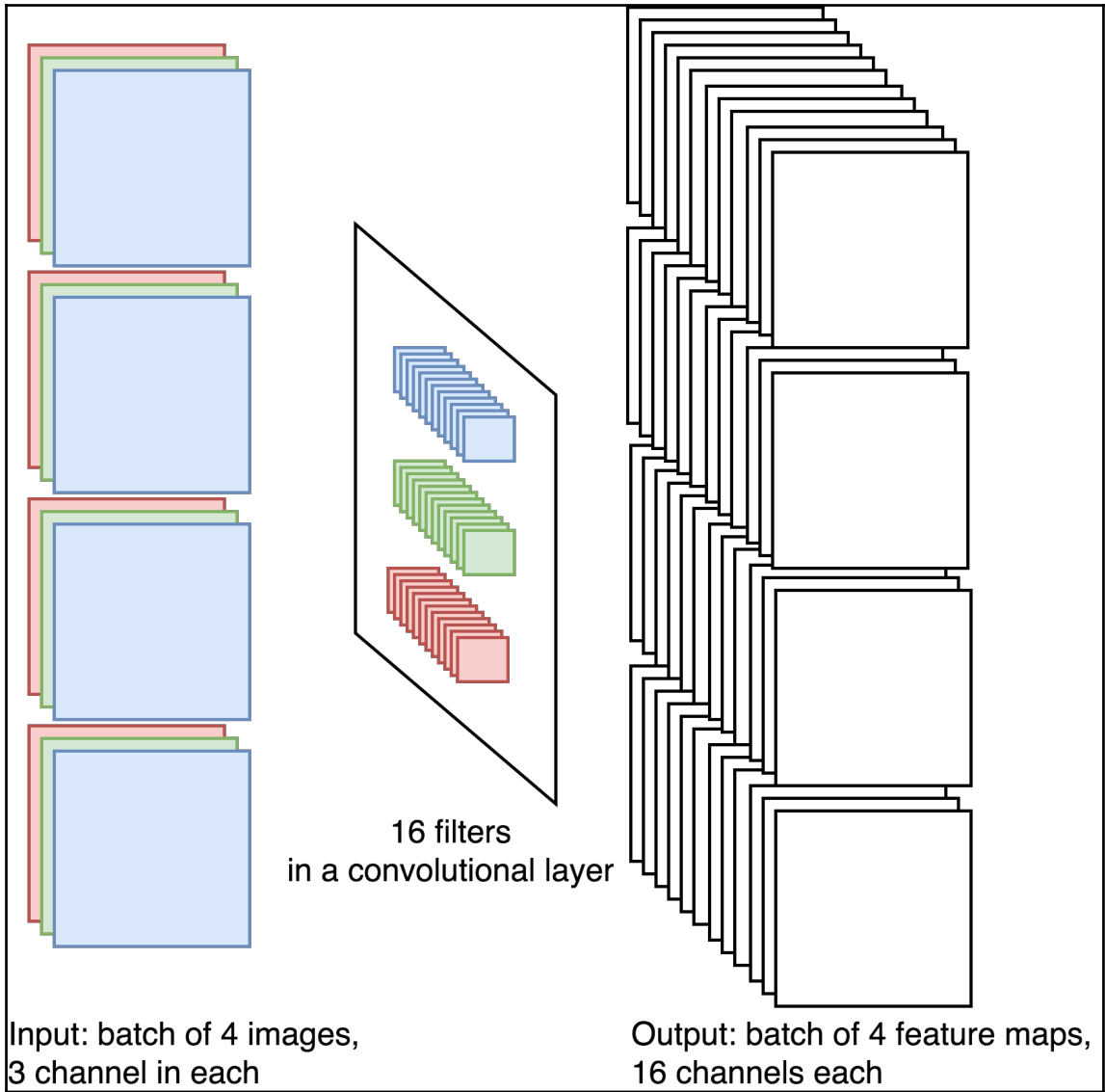
Average pooling
3x3, stride 2,
padding: zero

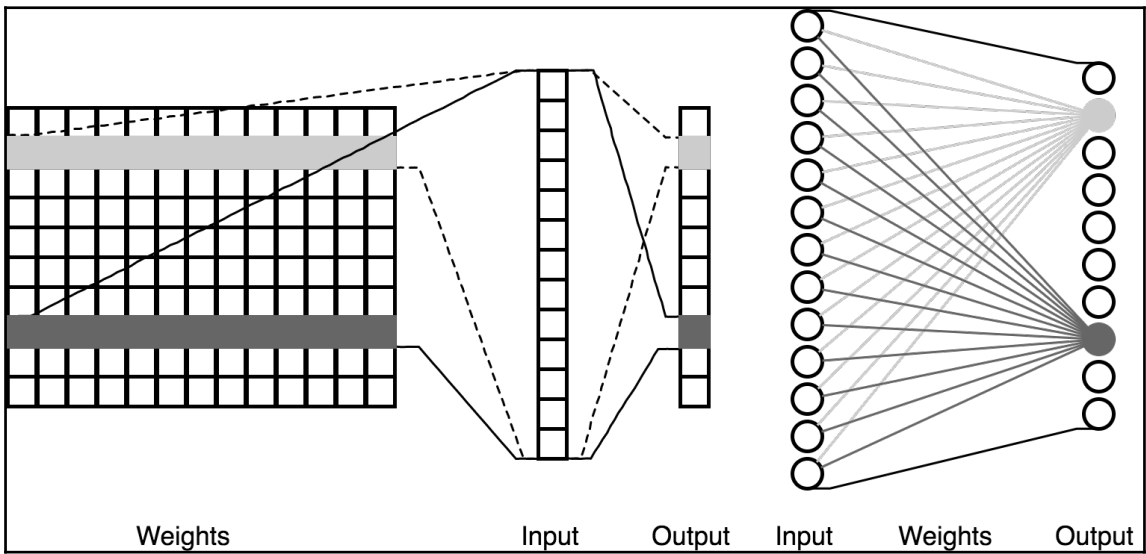
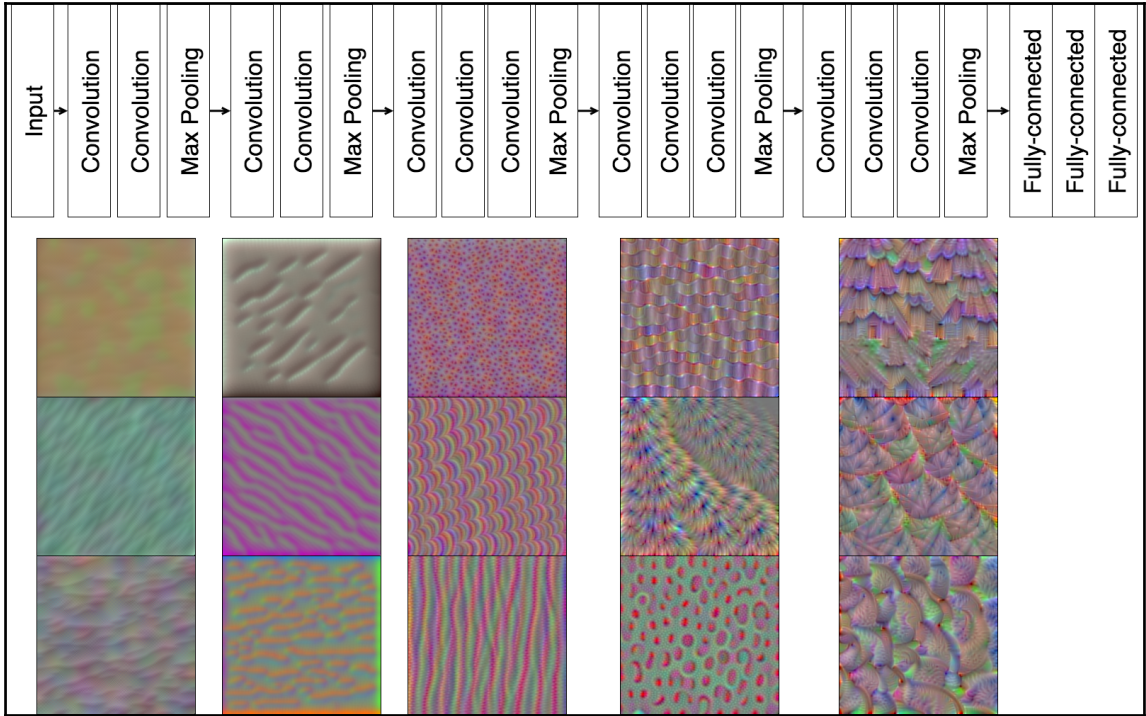


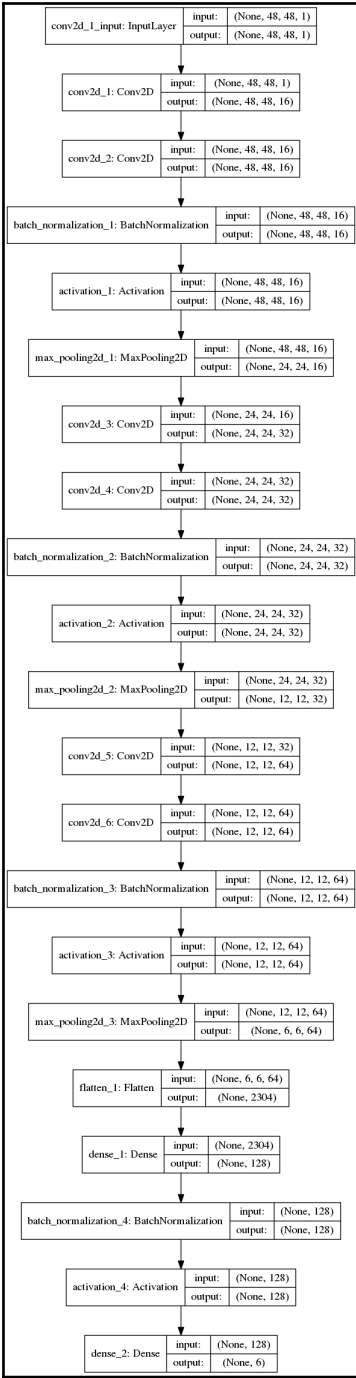
					-25	0	0	0	0						-25	0	0	0	0					
					0	-25	0	0	0						0	-25	0	0	0					
					0	-25	25	0	0						0	-25	25	0	0					
					0	0	0	25	0						0	-25	25	25	0					
					0	0	0	0	25						0	-52	25	0	25					
1	0	0	0	0	1	0	0	0	1	-1	0	0	1	1										
0	0	0	0	0	1	-1	-1	-1	1	-1	0	0	1	1										
0	0	0	0	0	1	-1	-1	-1	1	-1	0	0	1	1										
0	0	0	0	0	1	-1	-1	-1	1	-1	0	0	1	1										
0	0	0	0	-1	1	0	0	0	1	-1	0	0	1	1										

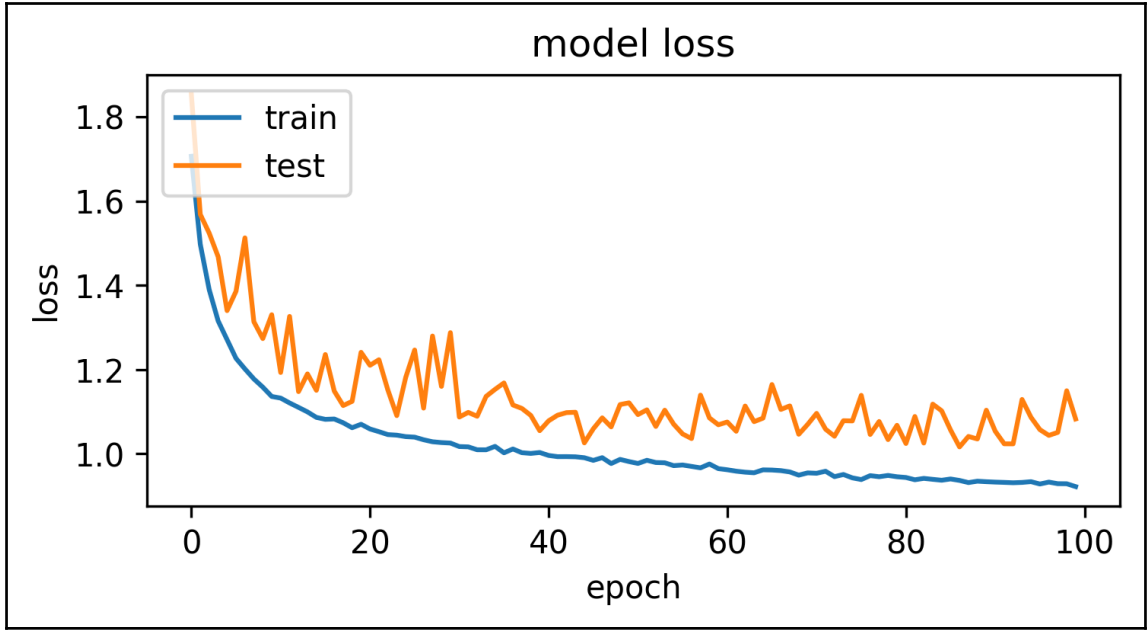


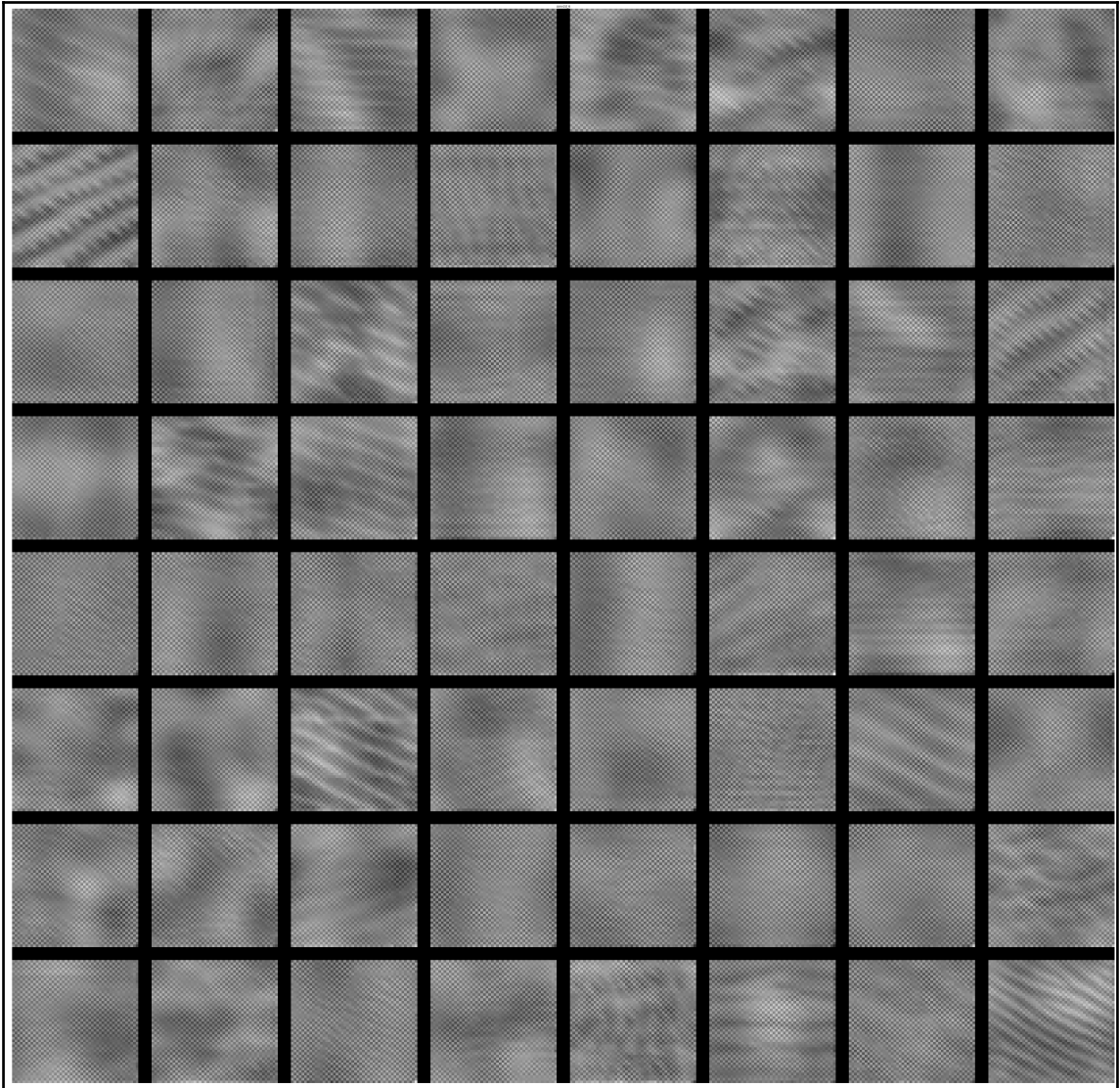












Chapter 10: Natural Language Processing

Choose a bot



Shakespeare



Benjamin Franklin



Mark Twain



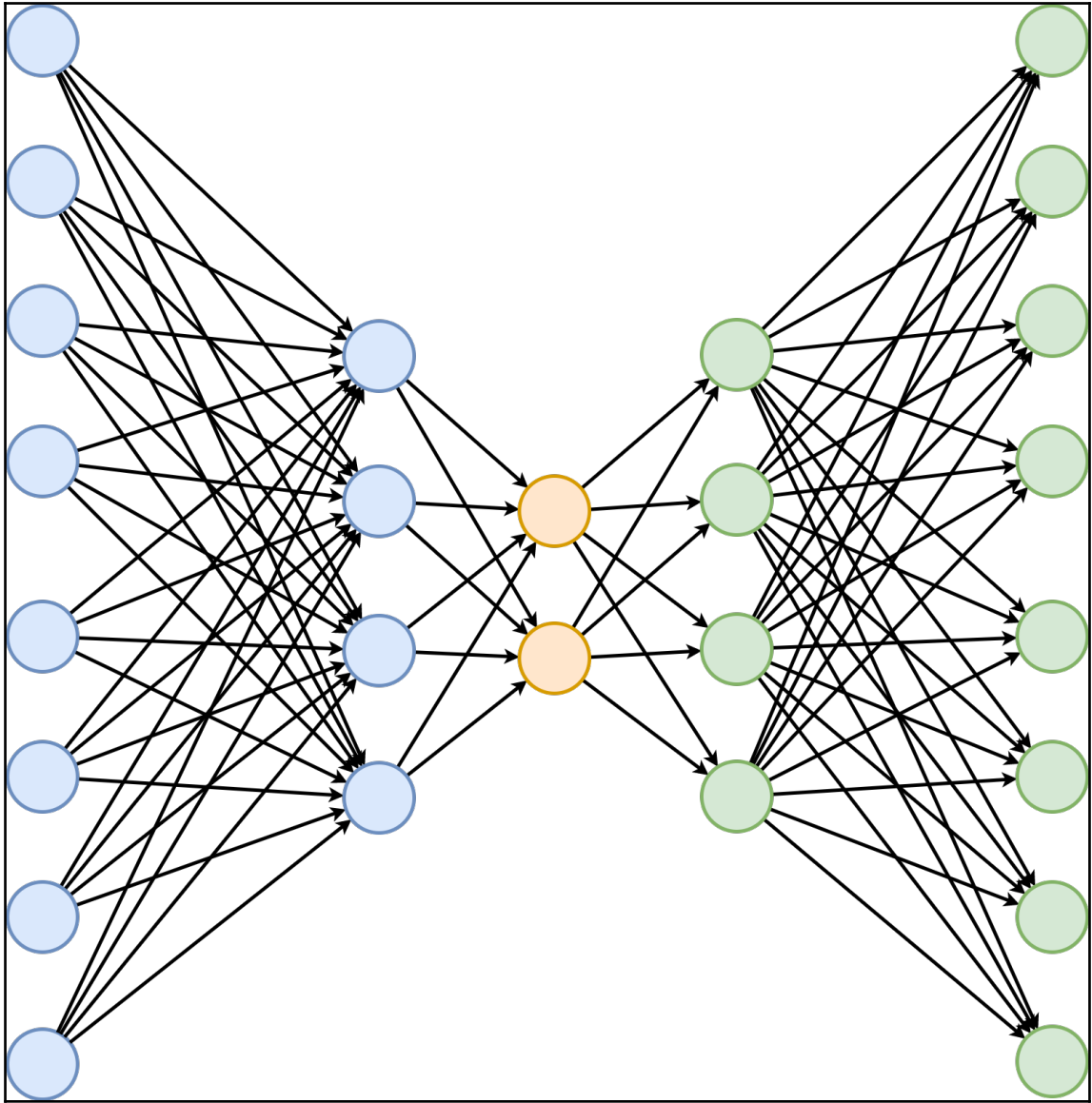
John Galsworthy

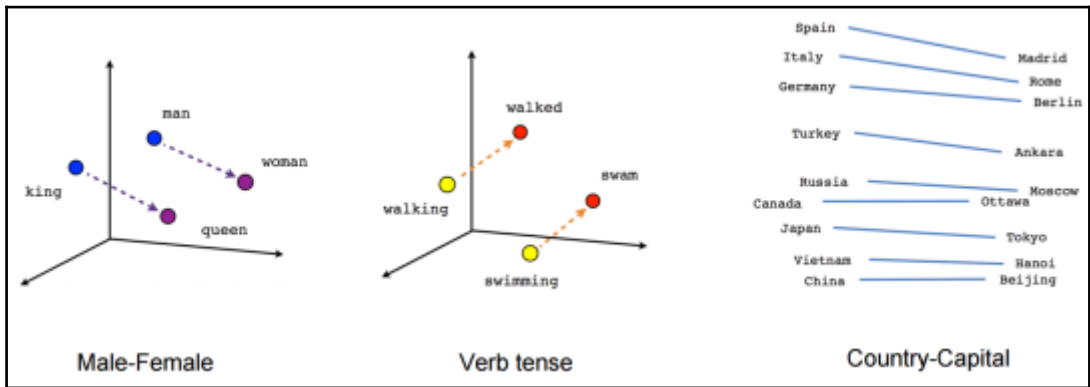
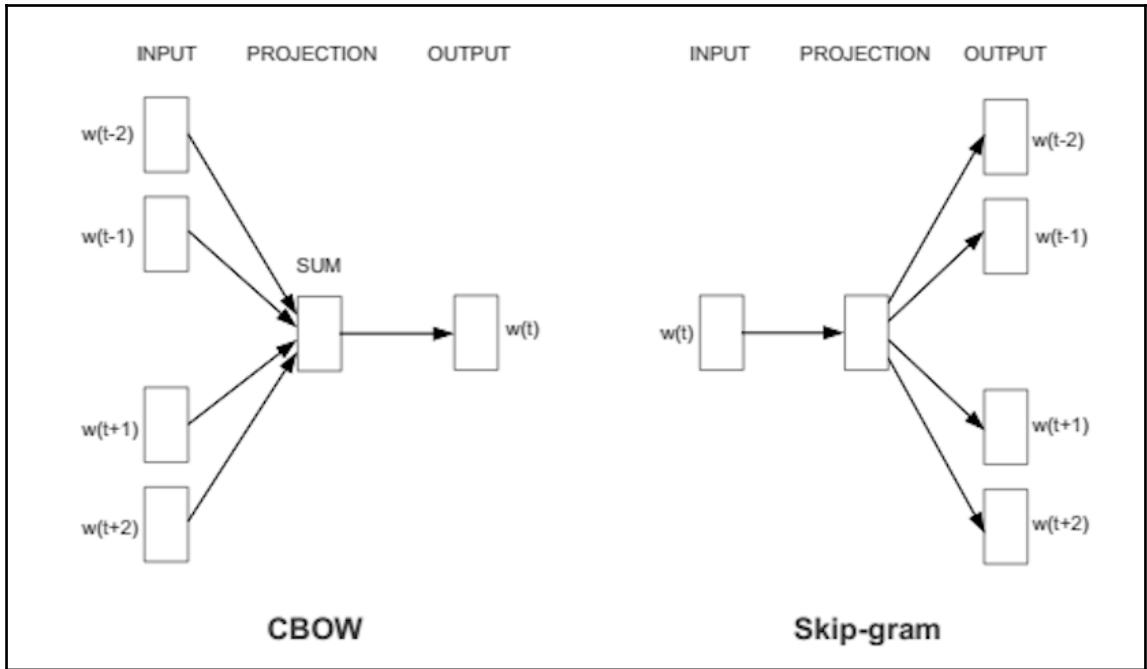


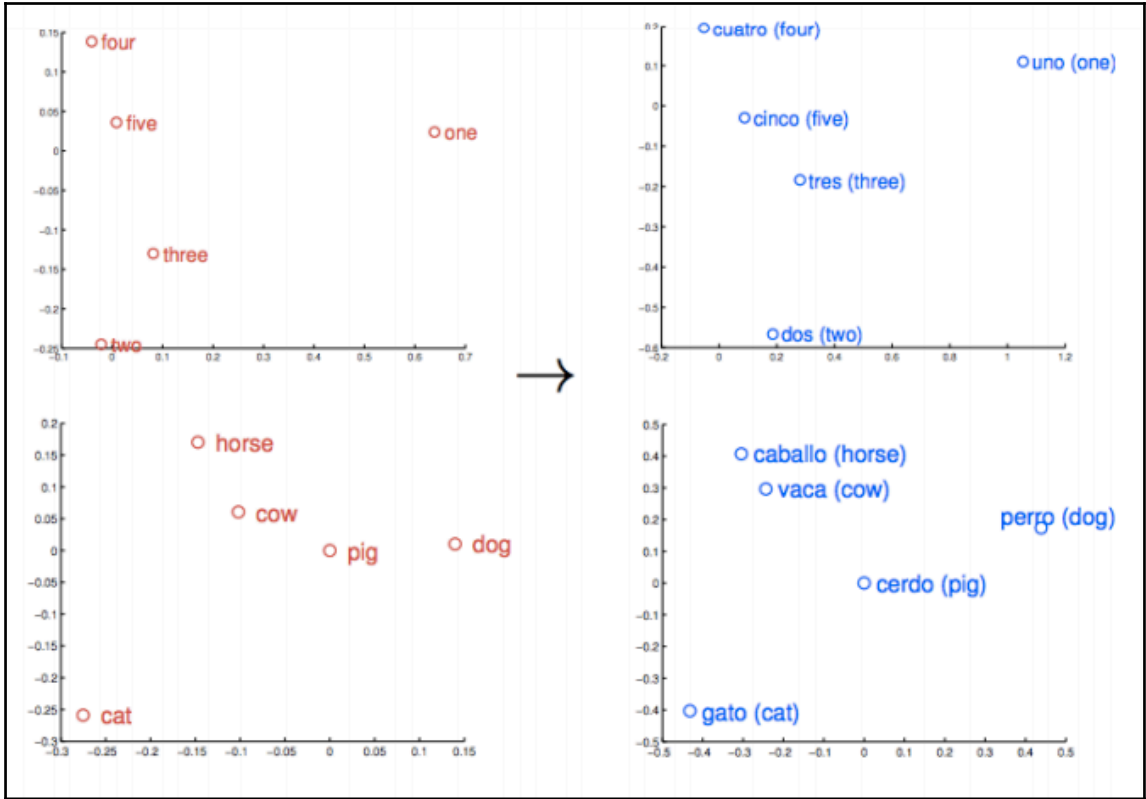
Sir Winston Churchil











lifecell 10:06 AM 100%

< Associations Done

solid | 'säləd |

adjective (**solider, solidest**)

1 firm and stable in shape; not liquid or fluid: *the stream was frozen solid | solid fuels.*

- strongly built or made of strong materials; not flimsy or slender: *a solid door with good, secure locks.*

2 having three dimensions: *a solid figure with six plane faces.*

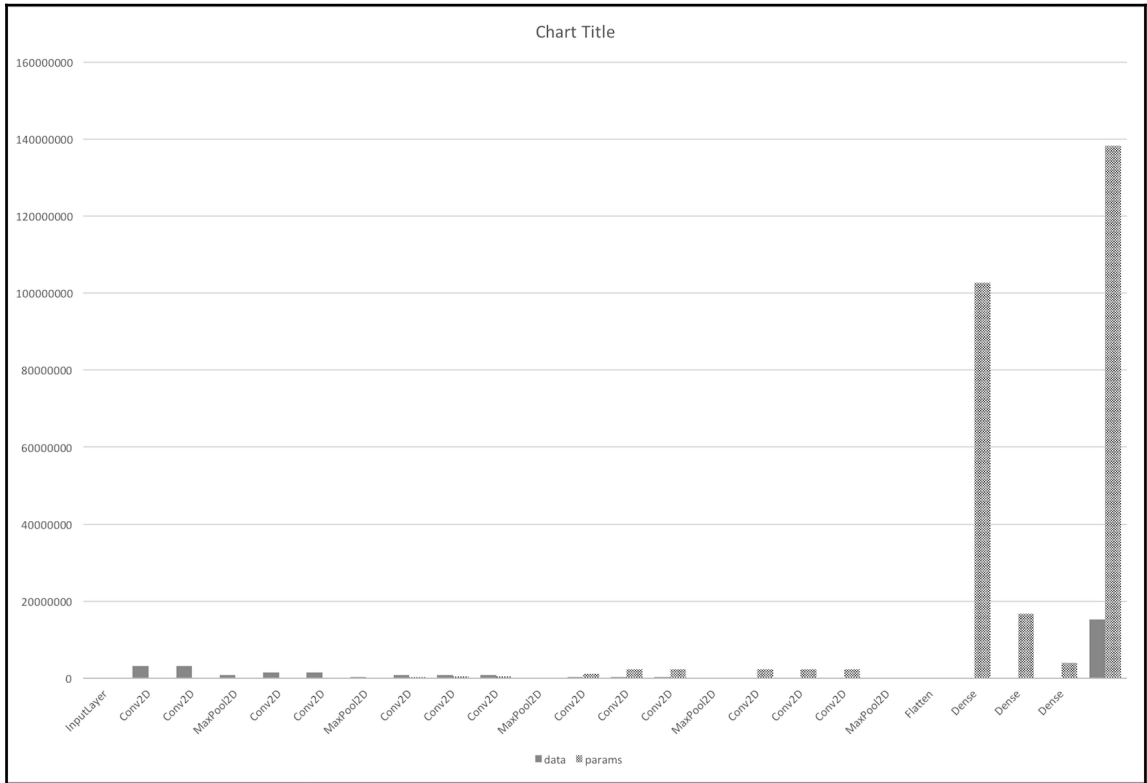
- [attributive] concerned with objects having three dimensions: *solid geometry.*

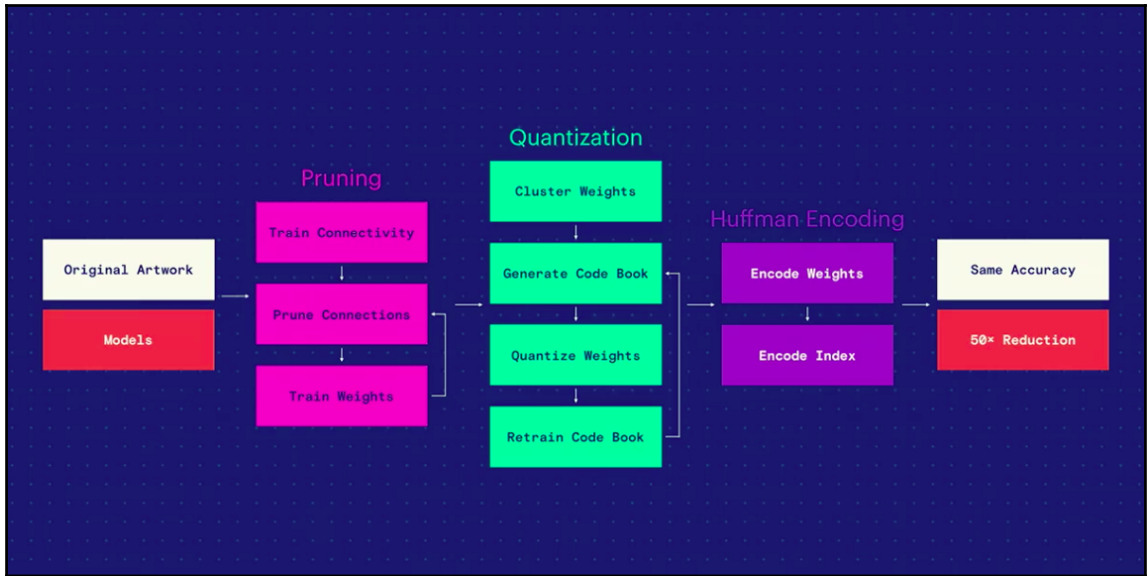
3 not hollow or containing spaces or gaps: *a sculpture made out of solid rock | a solid mass of flowers | the stores were packed solid.*

- consisting of the same substance throughout: *solid silver cutlery.*

Manage Search Web

Chapter 12: Optimizing Neural Networks for Mobile Devices





Chapter 13: Best Practices

