

WORKSHEET- Machine Learning

Questions	Answer		
1	A		
2	A		
3	B		
4	A		
5	C		
6	B		
7	A		
8	A		
9	C		
10	A		
11	C		
12	B		
13	Regularization is one of the most important concepts of machine learning. It is a technique to prevent the model from overfitting by adding extra information to it. Regularization is a technique that are used to minimize the adjusted loss function and to avoid the risk of overfitting.		
14	<p style="text-align: center;">Ridge (L2)</p> <p>Ridge regression is one of the types of linear regression in which a small amount of bias is introduced so that we can get better long-term predictions.</p> <p>Ridge regression is a regularization technique, which is used to reduce the complexity of the model. It is also called as L2 regularization.</p> <p style="text-align: center;">Lasso (L1)</p> <p>Lasso regression is another regularization technique to reduce the complexity of the model.</p> <p>It is like the Ridge Regression except that the penalty term contains only the absolute weights instead of a square of weights.</p>		
15	<p>A Linear Regression model's main aim is to find the best fit linear line and the optimal values of intercept and coefficients such that the error is minimized.</p> <p>Error is the difference between the actual value and Predicted value and the goal is to reduce this difference.</p> <p>The error term is the difference between the expected value at a particular time and the value that was actually observed.</p>		