

Angels Virtual World Machine Learning Task

Problem Statement :

Tripadvisor has reached out to you. They are dealing with a significant number of last-minute cancellations, therefore they have collected data on each booking. They want to improve the service and are seeking for a way to do it. Your job as an ML Engineer is to forecast whether or not they will cancel the booking based on the features. Predictions must be made using a Neural Network.

Data :

A hotel	# is_canceled	# lead_time	# arrival_dat...	A arrival_dat...	# arrival_dat...	# arrival_dat...	# stays_in_w...	# stays_in_w...	# adults
Resort Hotel	0	342	2015	July	27	1	0	0	2
Resort Hotel	0	737	2015	July	27	1	0	0	2
Resort Hotel	0	7	2015	July	27	1	0	1	1
Resort Hotel	0	13	2015	July	27	1	0	1	1
Resort Hotel	0	14	2015	July	27	1	0	2	2
Resort Hotel	0	14	2015	July	27	1	0	2	2
Resort Hotel	0	0	2015	July	27	1	0	2	2
Resort Hotel	0	9	2015	July	27	1	0	2	2