# **LSTM RESULTS - APPLE**

	OPTIMIZER	MSE	RMSE	MAPE
175	Adam()  FOR EPOCH - 1000,  BATCH_SIZE = 64,  VERBOSE = 2, SHUFFLE =  FALSE	46.06	6.78	0.033
200 - Yaining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error	Adamax()  FOR EPOCH - 1500,  BATCH_SIZE = 64,  VERBOSE = 2, SHUFFLE =  FALSE	37.83	6.15	0.029
135	RMSprop()  FOR EPOCH - 1400,  BATCH_SIZE = 64,  VERBOSE = 2, SHUFFLE =  FALSE	48.1	6.9	0.034

# **LSTM RESULTS - TESLA**

	OPTIMIZER	MSE	RMSE	MAPE
800 - Walning Root Mean Squared Error Validation Root Validation Root Mean Squared Error Validation Root	Adam()  FOR EPOCH - 300,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	6027.4	77.63	0.064
800 Taining Root Mean Squared Error Validation Root Mean Squared Root Validation Root Mean Squared Root Validation Ro	Adamax()  FOR EPOCH - 3000,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	6740.17	82.09	0.069
Taining Root Mean Squared Error Validation Root Mean Squared Error  400  200  200  200  200  200  200  Epochs	RMSprop()  FOR EPOCH - 1000,  BATCH_SIZE = 32, VERBOSE  = 2, SHUFFLE = FALSE	5715.6	75.6	0.066

# LSTM RESULTS - MICROSOFT

	OPTIMIZER	MSE	RMSE	MAPE
300 - Paining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error 200 - 2	Adam()  FOR EPOCH - 300,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	132.5	11.5	0.031
300 Paining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error  200 200 300 400 500 600 700 800	Adamax()  FOR EPOCH - 800,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	108.2	10.40	0.028
300	RMSprop()  FOR EPOCH - 600,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	113	10.63	0.029

# **LSTM RESULTS - AMAZON**

	OPTIMIZER	MSE	RMSE	MAPE
3000 - Taining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error 1000 - 1000	Adam()  FOR EPOCH - 300,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	33518	183.0	0.043
3000 - Taining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error 1000 - 1000 - 1500 - 1000 1500 2000 2500 3000 Epochs	Adamax()  FOR EPOCH - 3000,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	30566.7	174.8	0.041
3000 - Taining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error 2500 - 2000	RMSprop()  FOR EPOCH - 1500, BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	17683	132.9	0.034

# LSTM RESULTS - ALPHABET

	OPTIMIZER	MSE	RMSE	MAPE
2500 - Taining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error	Adam()  FOR EPOCH - 600,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	9409.3	97	0.026
2500 - Faining Root Mean Squared Error Validation Root Mean Squared Error Validation Root Mean Squared Error 1000 - 1000 - 1000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 2000 - 1000 - 1250 - 1500 - 1750 - 1000 - 1250 - 1500 - 1750 - 1000 - 1250 - 1500 - 1750 - 1000 - 1250 - 1000	Adamax()  FOR EPOCH - 2000,  BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	28507	168.8	0.05
2500 - Validation Root Mean Squared Error Validation Validation Validation Root Mean Squared Error Validation V	RMSprop()  FOR EPOCH - 1500, BATCH_SIZE = 32, VERBOSE = 2, SHUFFLE = FALSE	10714	103.5	0.027