



Research Project Progress Report

Week [4] – SIT723

Student Name:	Satvik Sharma
Supervisors' Names:	Maia Angelova
Project Title:	Financial Time series analysis with machine learning
SIT723 Target Grade:	Distinction
Overleaf Project Link:	https://www.overleaf.com/7593645898fsydrtsqsdgzb
Project Folder Link:	https://deakin365.sharepoint.com/:f:/r/sites/SIT723-FinancialTimeSeriesAnalysiswithMachineLearning/Shared%20Documents/General/Satvik%20Sharma(218595095)?csf=1&web=1&e=llVdYq
Worklog:	https://deakin365.sharepoint.com/:x:/r/sites/SIT723-FinancialTimeSeriesAnalysiswithMachineLearning/Shared%20Documents/General/Satvik%20Sharma(218595095)/Worklog.xlsx?d=w2cfbd3ab588d42f58966474ef14f85c2&csf=1&web=1&e=qQHVUN
Project Plan	
Summary of the work planned with your supervisor:	This week mostly focused on completing the literature review, and finding out what kinds of algorithms different papers have used and what can be implemented in the project.
Summary of the work done:	By the end of this week final literature review was complete and the data pre-processing was started with the dataset. Moreover, different machine learning algorithms like LSTM, ARIMA et cetera were studied.
Next steps:	Next steps for the project is to study the hybrid models and start working on making code for the project



Overall project progress:	The literature review completed on time and next steps are already planned and in progress
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