**Time Series Sales Forecasting using Machine Learning Algorithms**

**Week-6,7 Progress Report**

| **Name** | **Enrolment Number** |
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| Soham Jagrit | AU2040060 |
| Nitya Panchal | AU2040249 |
| Freya Shah | AU2020039 |
| Gunisha Giri | AU2020210 |

**Research Paper**

**The Reference Paper link:** <https://ieeexplore.ieee.org/document/9071463>

**Google Colab link**

https://colab.research.google.com/drive/1CpAPrLgqNlsSdhG3W4Ll4PWV1tLlK-1T?userstoinvite=freyash2307%40gmail.com&actionButton=1#scrollTo=DRr\_X9zaCkvp

**Work we did**

This week we completed the following tasks:

* The complete implementation of the linear ridge regression.
* Started the ARIMA model this week.
* Working on the problems we faced in the interaction with sir.
* Researching one more algorithm to implement as we now understand that linear and ridge regression makes no sense to the chosen dataset.
* Hence, we will research more about what sir told us.

**Tasks for next week**

For the next week,

* Complete implementation of ARIMA.
* We will start working on the models which we will choose after interacting with sir once.