**Solution Sheet**

1. Which model have you used for Covid Cases prediction? Explain your model.

We have used virtual neural networks where we have used 100 epochs for training the model. With a batch size of 100 . With a density of 256. We implemented Relu as the activation function. With 783 rows and 11 columns we got an accuracy of 0.4.

Performed feature scaling using heat map for numerical data and scatter plot for textual data. Performed one-hot encoding for SWM and labeled encoding for state.

1. Which model have you used for Foreign Visitors Time series prediction? Explain your model.