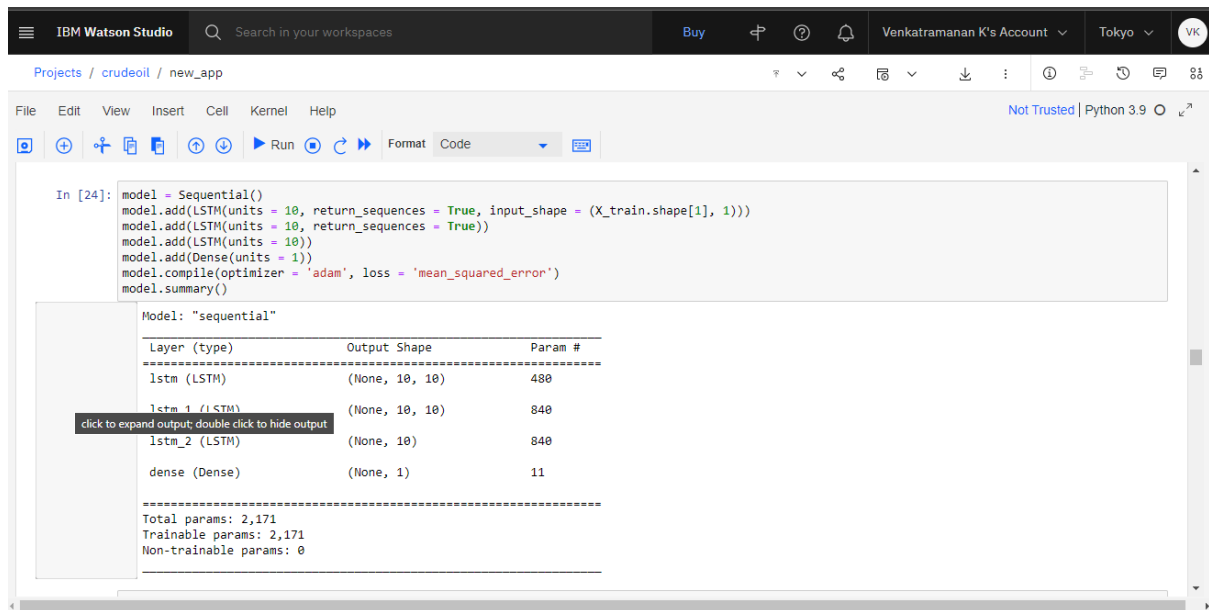


Training the Model on IBM

NAME	20 November 2022
TEAM ID	PNT2022TMID44242
PROJECT NAME	Crude Oil Price Prediction



The screenshot shows the IBM Watson Studio interface. The top bar includes the IBM Watson Studio logo, a search bar, and user information (Venkatramanan K's Account, Tokyo). The main workspace displays a Jupyter notebook with the following code and output:

```
In [24]: model = Sequential()
model.add(LSTM(units = 10, return_sequences = True, input_shape = (X_train.shape[1], 1)))
model.add(LSTM(units = 10, return_sequences = True))
model.add(LSTM(units = 10))
model.add(Dense(units = 1))
model.compile(optimizer = 'adam', loss = 'mean_squared_error')
model.summary()
```

The output shows the model summary for a sequential model:

Layer (type)	Output Shape	Param #
lstm (LSTM)	(None, 10, 10)	480
lstm_1 (LSTM)	(None, 10, 10)	840
lstm_2 (LSTM)	(None, 10)	840
dense (Dense)	(None, 1)	11

Total params: 2,171
Trainable params: 2,171
Non-trainable params: 0