



# Parcel project



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- ▶ Further activation for the next weeks
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# Introduction



- ▶ Product owner: PostNL (Tim Ottens)
- ▶ Assignment: Predicting the amount of processed packages for the next day
- ▶ Data: amount of daily packages processed, for 300 customers, for 5 years



# What have we accomplished last week?

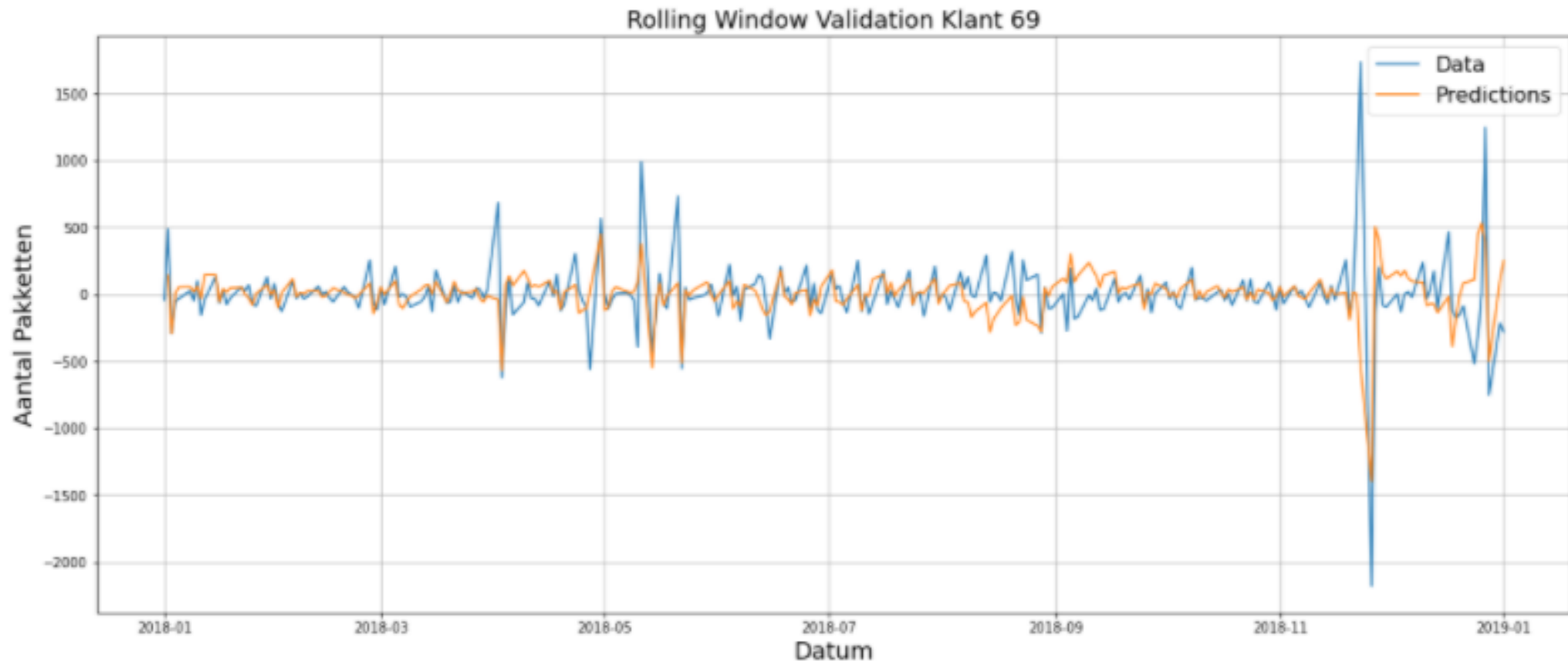


- ▶ Added Rolling forward on our Sarima Model
- ▶ LSTM model

# SARIMA Rolling window custom ID 69(difference data)

*SARIMA Model*

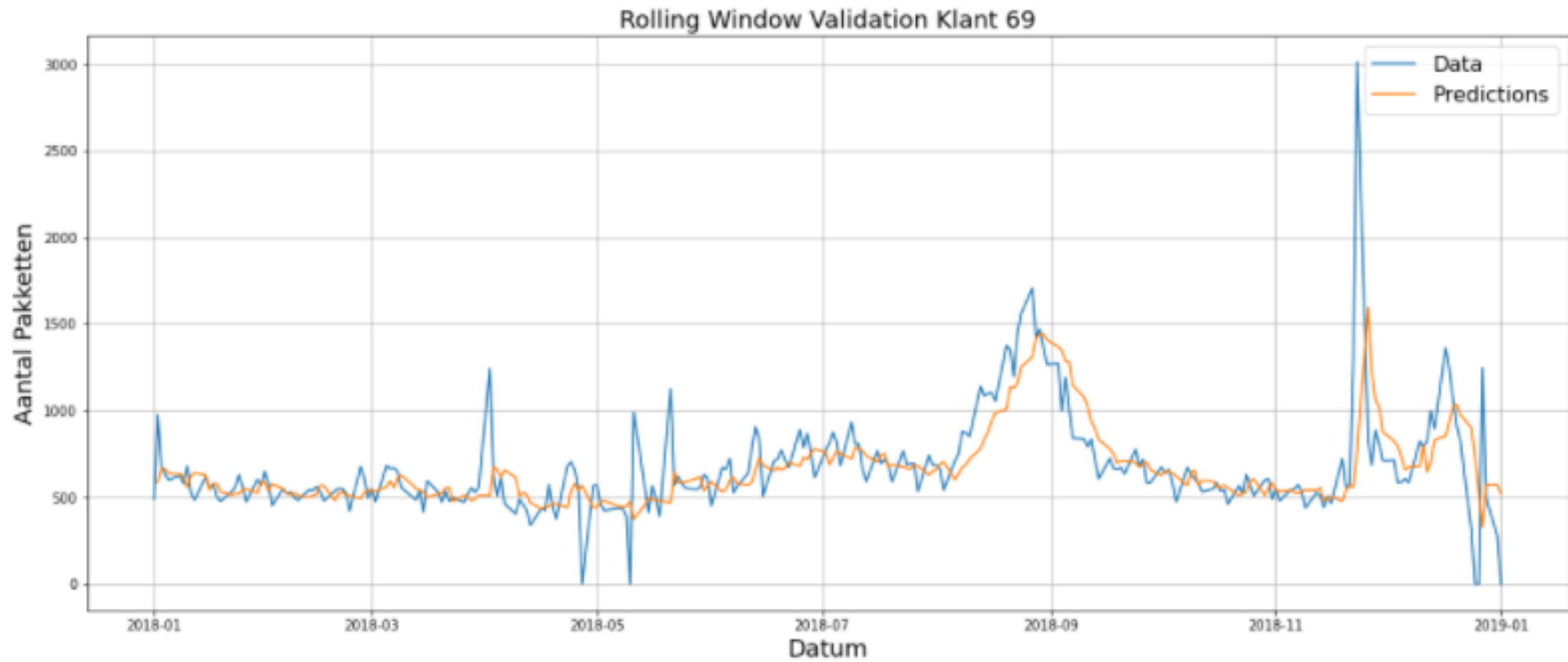
RMSE: 185



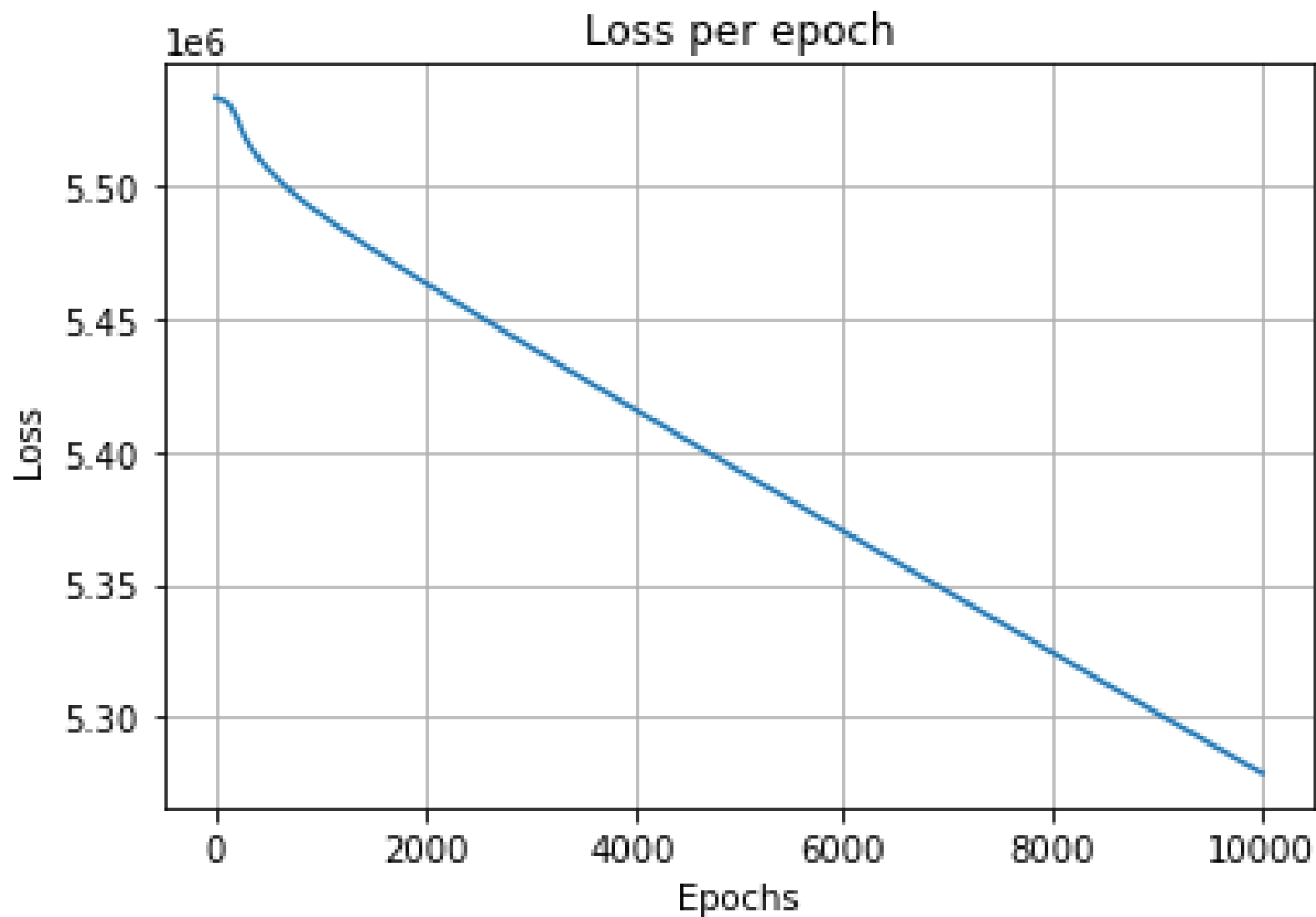
# SARIMA Rolling window custom ID 69(real data)

*SARIMA Model*

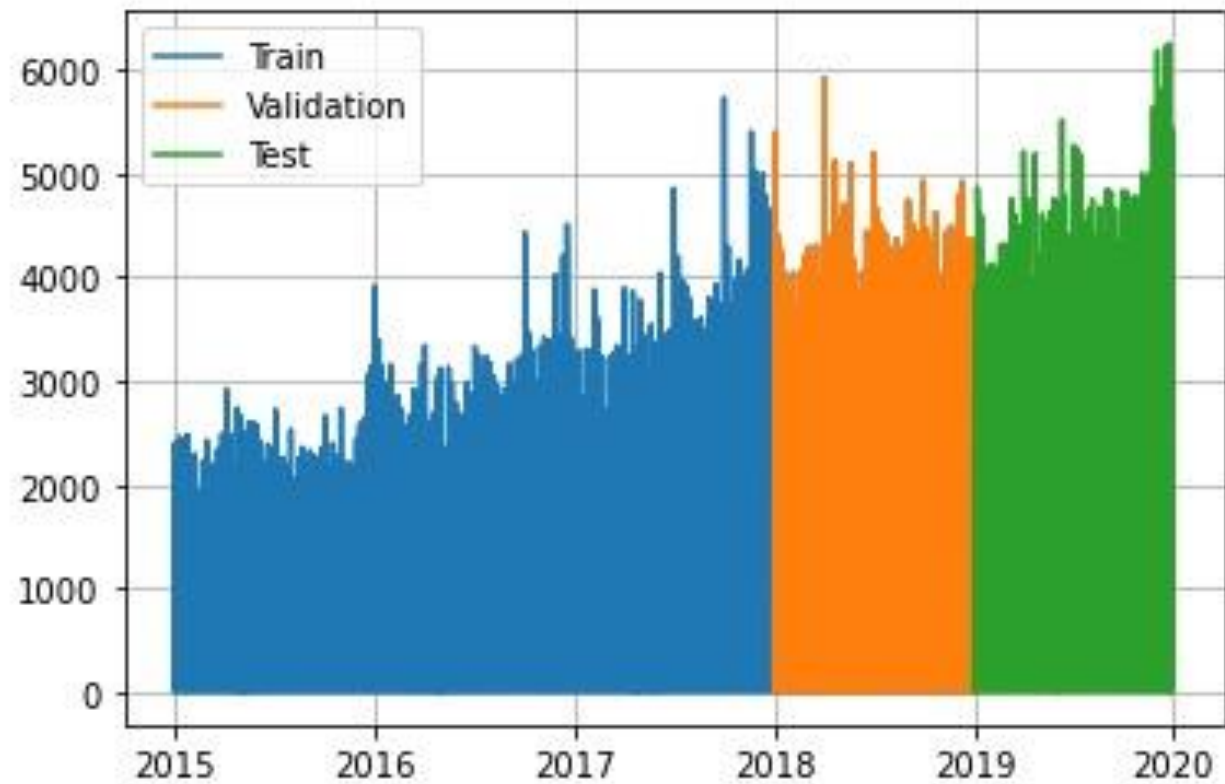
RMSE: 601



# LSTM Model customer ID 125



# Train-Validation-Test LSTM





# Further Activities



- ▶ Adjust Rolling forward
- ▶ Start with paper

# Questions

