

# Exam 1 - Part 2

Name: \_\_\_\_\_

## Part 2: Excel Calculation

Submit the Excel file to Canvas.

Year (since 2000)	Population (000s)
0	1
1	5
2	9
3	17
4	30

1. Model the dataset using exponential model and calculate the MAPE of the model.
2. Model the dataset using linear model and calculate the MAPE of the model.
3. Compare the models in term of MAPE to decide the better model. Use the better model to predict the population in 2026.

Submit the Excel file to Canvas.