

## AE Additional Exercises

1. Compute the Mean Absolute Deviation for the 3-month SMA forecast using the TixPixx data.
2. Compute the Mean Absolute Percentage Deviation for the 3-month SMA and WMA forecasts using the TixPixx data.
3. Compute the Cumulative Error for the 3-month SMA and WMA forecasts using the TixPixx data.
4. Compute the Mean Squared Error for the 3-month SMA and WMA forecasts using the TixPixx data.
5. Triplett Farms is a company that raises turkeys, which it sells to a meat-processing company throughout the year. However, the peak season obviously occurs during the fourth quarter of the year, October to December. Triplett Farms has experienced a demand for turkeys for the past 3 years shown in the following table:

Demand (1,000s)					
Year	Quarter 1	Quarter 2	Quarter 3	Quarter 4	Total
2019	12.6	8.6	6.3	17.5	45.0
2020	14.1	10.3	7.5	18.2	50.1
2021	15.3	10.6	8.1	19.6	53.6
Total	42.0	29.5	21.9	55.3	148.7

Compute the seasonally adjusted forecasts for each quarter of 2022.