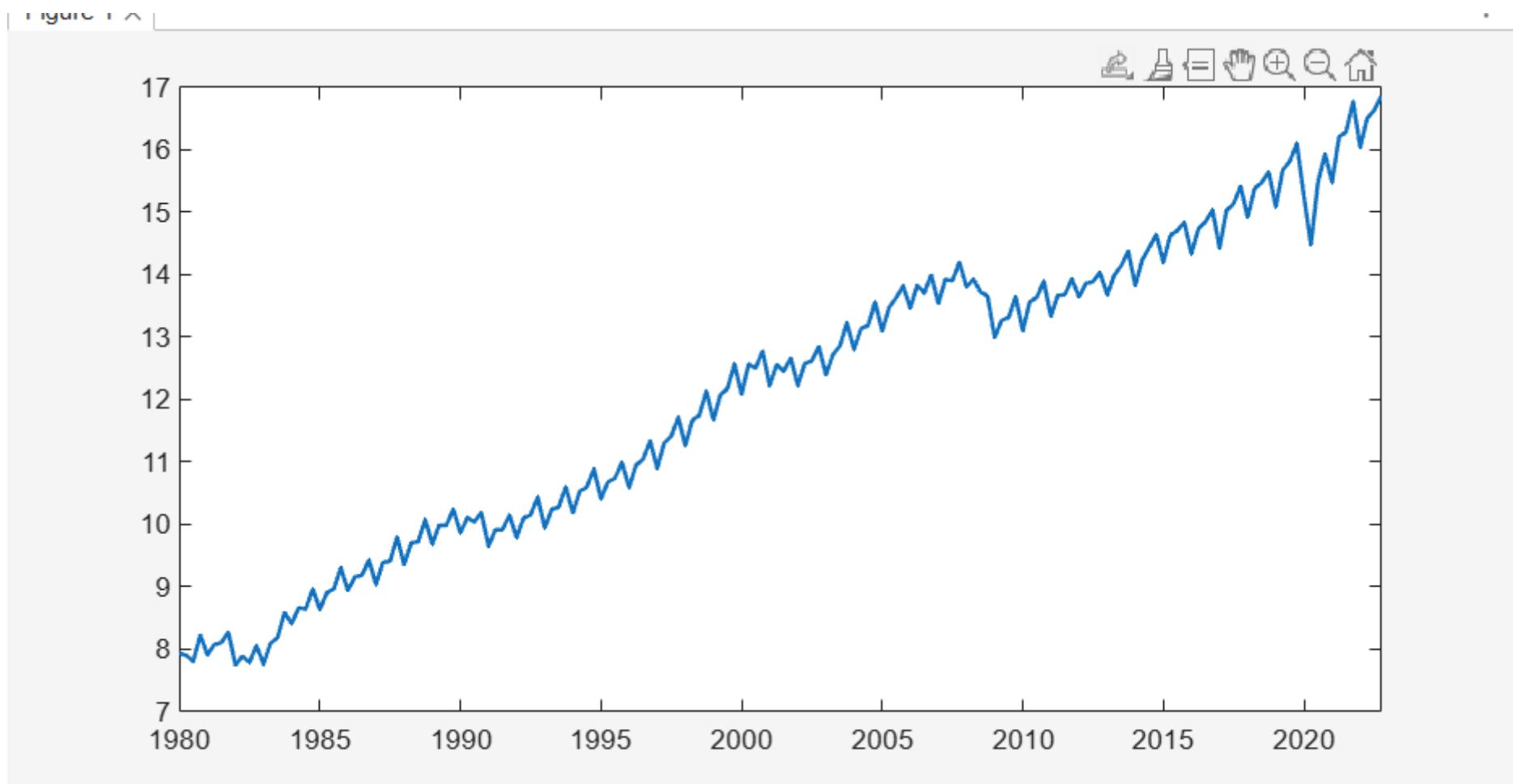


**Mehmet Fatih CIFTASLAN**  
**65336A**

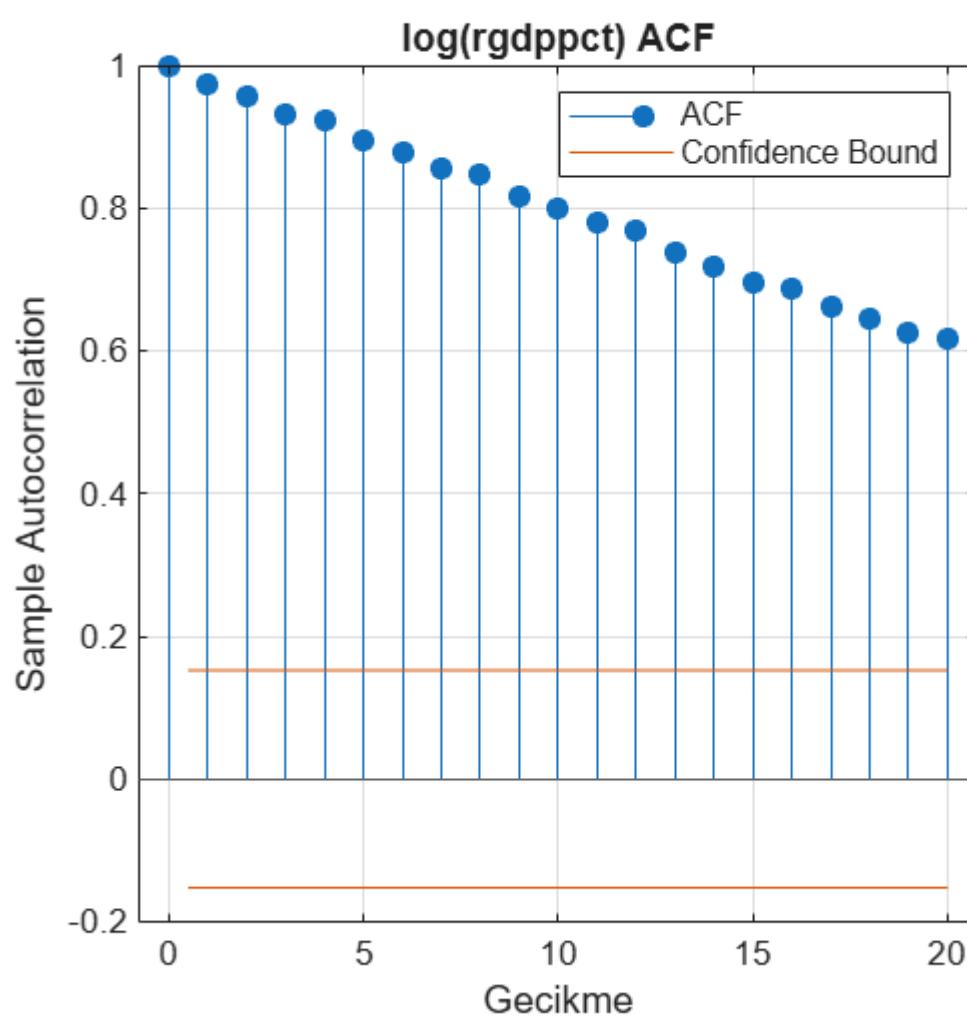
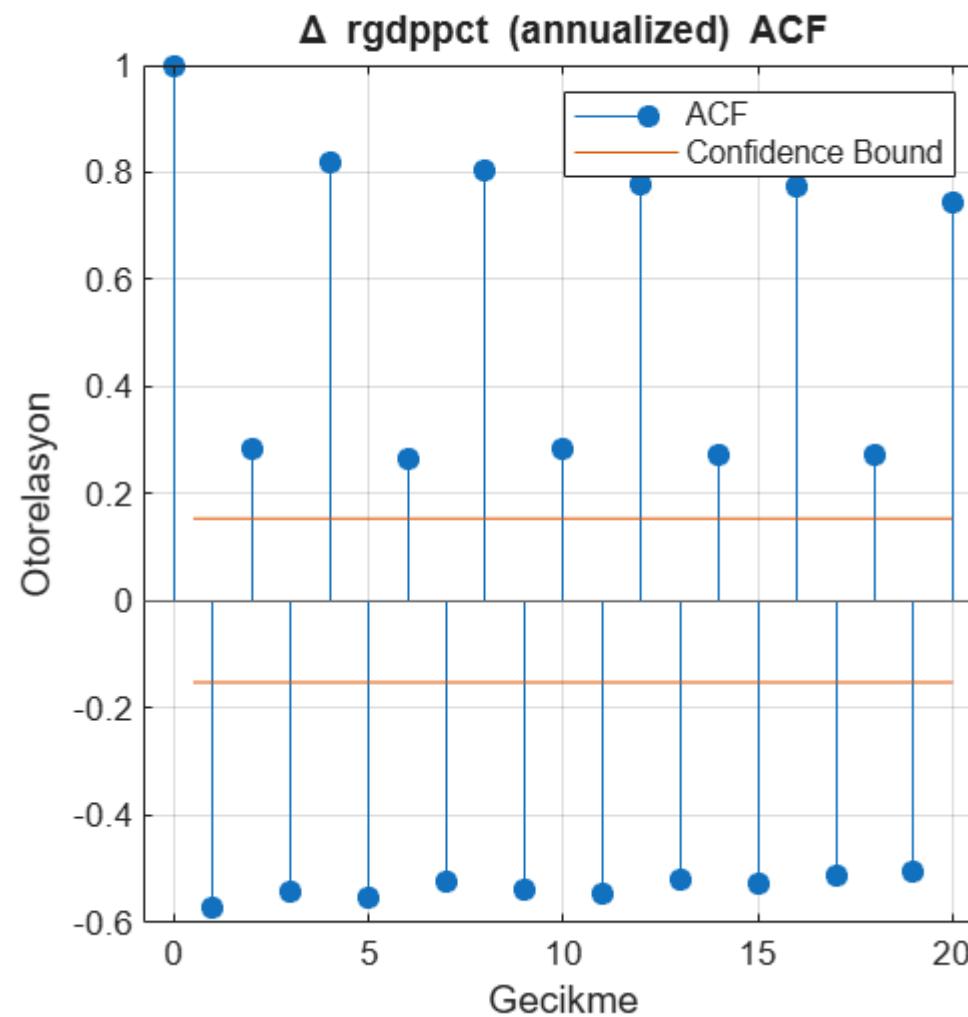
# Definitions

- NA000334Q : This data shows Gross Domestic Product. It is nominal which means it shows the total product in terms of that time's prices.
- GDPDEF : It is an index which converts nominal GDP to Real GDP using different index such as CPI.
- B230RC0Q173SBEA : It shows population in the USA.

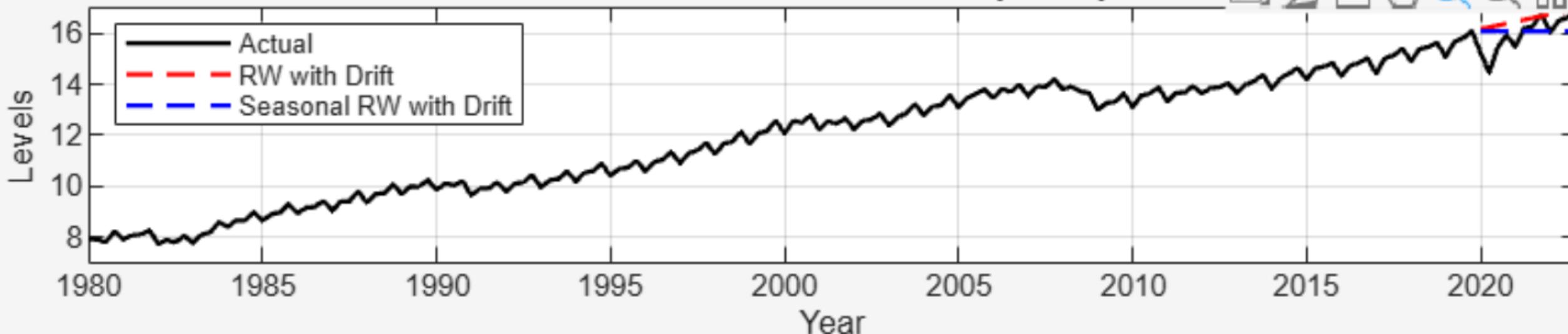


# Finding Sample Average

Sample average of annualized per-capita GDP growth (1970-2022): 1.763



## Slide 6: Forecasts of Real GDP per Capita



# Model Comparison

RMSE (RW with Drift): 0.048026

RMSE (Seasonal RW with Drift): 0.044016

Seasonal model has less error because it is also compute the seasonality which other model didn't do.