Convert Monthly to Weekly Data - Question & Answer

# Question:

Convert monthly data to weekly frequency using reindex(), applying no fill, backward fill (bfill), and forward fill (ffill).

# Answer (Code):

# Set start and end dates  
start = '2016-1-1'  
end = '2016-2-29'  
  
# Create monthly\_dates here  
monthly\_dates = pd.date\_range(start=start, end=end, freq='M')  
  
# Create and print monthly here  
monthly = pd.Series([1, 2], index=monthly\_dates)  
print(monthly)  
  
# Create weekly\_dates here  
weekly\_dates = pd.date\_range(start=start, end=end, freq='W')  
  
# Print monthly, reindexed using weekly\_dates  
print(monthly.reindex(weekly\_dates))  
print(monthly.reindex(weekly\_dates, method='bfill'))  
print(monthly.reindex(weekly\_dates, method='ffill'))

## Question Explanation (20 words):

The question involves resampling monthly data to weekly frequency using reindex() and demonstrating fill methods (none, bfill, ffill).

## Answer Explanation (20 words):

We create monthly and weekly dates, then reindex monthly data to weekly using reindex and apply fill methods.

## Reference Image:

