Random Walk II - Full Solution

# Question Explanation:

This task generates a random walk using Facebook stock daily returns and plots its distribution using seaborn.

# Answer Explanation:

The code computes daily returns, samples them randomly, converts to a Series, and visualizes the distribution with seaborn.

# Full Code Answer:

# Set seed here  
seed(42)  
  
# Calculate daily\_returns here  
daily\_returns = fb.pct\_change().dropna()  
  
# Get n\_obs  
n\_obs = daily\_returns.count()  
  
# Create random\_walk  
random\_walk = choice(daily\_returns, size=n\_obs)  
  
# Convert random\_walk to pd.Series  
random\_walk = pd.Series(random\_walk)  
  
# Plot random\_walk distribution  
sns.displot(random\_walk, bins=50, kde=True)  
plt.title("Distribution of Random Walk")  
plt.show()

