These are crafted to align with your assignment requirements (8+ insightful, answerable questions) using Pandas and Matplotlib/Seaborn:

**📊 Q1. What is the overall trend in suicide rates in the U.S. from 1950 to the most recent year?**

➤ Use df[df["Sex"].isna() & df["AgeGroup"] == "All ages"] and plot suicide rates by YEAR.

**📊 Q2. How do suicide rates compare between males and females over time?**

➤ Filter rows where Sex is not null and AgeGroup is "All ages"  
➤ Group by YEAR and Sex, then plot as line graph.

**📊 Q3. Which age group consistently shows the highest suicide rates?**

➤ Use rows where AgeGroup is not null and Sex is "All persons"  
➤ Group by AgeGroup, take average SuicideRate.

**📊 Q4. How have suicide rates changed over time among White vs Black populations?**

➤ Filter where Race is "White" or "Black"  
➤ Group by YEAR and Race, then plot.

**📊 Q5. Are suicide rates higher for Hispanic or Latino vs Not Hispanic or Latino people?**

➤ Use rows where Ethnicity is either "Hispanic or Latino" or "Not Hispanic or Latino"  
➤ Group by Ethnicity and take average SuicideRate.

**📊 Q6. What’s the average suicide rate for young adults (15–24) vs seniors (65+)?**

➤ Use DetailedAgeGroup column  
➤ Filter for "15–24 years" and "65 years and over"  
➤ Group by Sex or Race for deeper analysis.

**📊 Q7. Which Age Group Has the Biggest Gender Gap in Suicide Rates?**

➤ Use rows where Sex and DetailedAgeGroup are not null  
➤ Group by both, then sort by average SuicideRate.

**📊 Q8. Has the suicide rate for Asian or Pacific Islander males aged 15–24 increased or decreased over time?**

➤ Filter by:  
Sex == "Male"  
Race == "Asian or Pacific Islander"  
DetailedAgeGroup == "15-24 years"  
➤ Plot SuicideRate by YEAR.