

Descriptive Questions (15)

Based on the analysis which contains a data cleaning and merging process for COVID-19 related health surveys across multiple schemas. The data includes demographic information (age, sex, ethnicity), health indicators (symptoms like cough and fever, medical conditions), and impact metrics (mental health, travel changes).

These questions focus on "What happened?" by summarizing the existing dataset.

1. **Survey Volume:** What is the total number of survey responses recorded in the final merged dataset (final_df_new)?
2. **Symptom Prevalence:** What percentage of respondents reported experiencing 'fever_chills_shakes' versus 'cough'?
3. **Demographic Distribution:** How is the respondent population distributed across the different age groups defined in the age_1 column?
4. **Geographic Spread:** Which 'fsa' (Forward Sortation Area) codes recorded the highest number of survey submissions?
5. **Vulnerability Status:** What is the ratio of respondents flagged as 'vulnerable' compared to those who are not?
6. **Gender Representation:** What is the breakdown of respondents by sex (male vs. female)?
7. **Medical History:** How many respondents indicated having 'any_medical_conditions'?
8. **Travel Impact:** How many individuals reported that they 'stillTravelEssential' despite the pandemic?
9. **Mental Health Trends:** What are the most common responses for the 'mental_health_impact' variable (e.g., 'negatively', 'noImpact')?
10. **Testing Rates:** What percentage of the surveyed population underwent COVID-19 testing?
11. **Media Consumption:** Which media channels (e.g., newspaper, radio) were most frequently cited by respondents?
12. **Ethnic Diversity:** What are the top three ethnicities represented in the ethnicity column?
13. **Risk Factors:** How many respondents are categorized as 'over_60' with underlying medical conditions?

14. **Temporal Trends:** How does the volume of reports vary by month (e.g., April vs. July)?

15. **Support Needs:** What are the primary 'needs' (e.g., emotionalSupport) identified by the respondents?