Prescriptive Questions (25)

These questions focus on "What should we do?" by suggesting actions based on data insights.

1. **Resource Allocation:** Based on the high volume of reports in specific FSAs, where should the government establish new mobile testing clinics?

2. **Targeted Communication:** If elderly populations show low media engagement, what alternative communication strategies should be used for the 'over_60' group?

3. **Mental Health Support:** Given the 'mental_health_impact' data, which demographic should be prioritized for digital counseling services?

4. **Vulnerability Intervention:** What proactive measures should be taken for individuals marked as 'vulnerable' who also live in high-density FSAs?

5. **Travel Restrictions:** If a high number of 'probable' cases are still reporting essential travel, what stricter travel guidelines should be implemented?

6. **Health Services Planning:** How should hospital staffing be adjusted in regions where 'shortness_of_breath' reports are trending upward?

7. **Public Awareness:** Based on the 'media_channels' data, which platforms should be used for the most effective public health announcements?

8. **Medical Supply Distribution:** Which areas require an increased supply of PPE based on the density of individuals with 'any_medical_conditions'?

9. **Symptom Monitoring:** Should the public health checklist be updated to prioritize certain symptoms over others based on their correlation with 'probable' cases?

10. **Social Support:** What specific community programs should be launched to address the 'needs' for 'emotionalSupport'?

11. **Workplace Safety:** For those in 'essential travel' categories, what workplace safety protocols should be mandated to reduce 'contact_with_illness'?

12. **Testing Strategy:** Should testing be shifted from a general approach to targeting specific 'age_1' brackets that show high symptom rates?

13. **Vaccination Priority:** Based on the intersection of 'age_1' and 'medical_conditions', which specific subgroups should receive vaccination priority?

14. **Economic Relief:** Which regions (FSAs) showing high 'negative' mental health impacts should receive additional economic relief packages?

15. **Outreach Optimization:** How can outreach for ethnic minorities be improved based on the 'ethnicity' data gaps or trends?

16. **Self-Isolation Compliance:** What incentives can be offered to increase 'self_isolating' rates among younger demographics?

17. **Data Collection:** What additional columns should be added to future surveys to better understand the 'contact_in_household' risks?

18. **Healthcare Infrastructure:** Where should permanent health hubs be built based on the long-term 'vulnerable' population density?

19. **Educational Campaigns:** What specific health education should be targeted at males if their reporting rates for symptoms are lower than females?

20. **Policy Adjustment:** If 'shortness_of_breath' is a leading indicator for hospitalization, what policy triggers should be set for local lockdowns?

21. **Household Risk Mitigation:** What guidance should be provided to households where 'contact_in_household' is reported as 'y'?

22. **Digital Health:** Should a specialized app be developed for the '45-64' age bracket based on their high participation rate?

23. **Supply Chain:** How should the distribution of chronic disease medication be managed for those with 'highBloodPressure' in high-risk zones?

24. **Volunteer Mobilization:** In which FSAs should volunteer groups be mobilized to assist those who cannot travel?

25. **Predictive Modeling:** What data features from this notebook should be used as primary inputs for a machine learning model to predict future 'probable' hotspots?