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Data Immersion

Exercise 1.3

17 October 2023

## Preparation for Influenza Season

Start Date: Oct 17, 2023,

End Date: Dec 22, 2023

Stakeholders	Communication option 1	Communication option 2	Audience
<b>Medical agency frontline staff (Nurses, Doctors, Physicians)</b>	Meetings with the agency staff	Staff mailing list	Nurses, Physician Assistants, and Doctors
<b>Hospitals and clinics</b>	Phone call	Staff mailing list	Hospitals and Clinics Using the Staffing Agency's Services
<b>Influenza patients</b>	Calls	Video conference call	Influenza Patients
<b>Staffing agency administrators</b>	Staff mailing list	Phone call with the administrative director	Staffing Agency Administrators

### Stakeholder Communication

### Milestones, Project Deliverables and Schedules

Milestones	Project Deliverables	Schedules
<b>In-depth research and identification of the key stakeholders</b>	Stakeholder engagement plan outlining communication and interaction strategies	October 17 <sup>th</sup>
<b>Identify and engage influenza patients</b>	Stakeholder feedback and needs assessment report	November 16 <sup>th</sup>
<b>Develop a staffing plan</b>	Comprehensive staffing plan with state-specific guidelines	November 30 <sup>th</sup>
<b>Thorough analysis of staffing data</b>	Development of refinement strategies based on the data analysis (power point)	December 14 <sup>th</sup>
<b>Project Evaluation and Reporting</b>	Documentation of lesson learned for future recommendations for maintaining efficient staffing in healthcare during influenza outbreak	December 22 <sup>nd</sup>

## Hypothesis And Data Wish Lists

1. If the age of the population in each state is higher, then the influenza mortality rate in that state will also be higher.
  - Age distribution data for each state.
  - Influenza mortality data for each state.
2. If a state has a higher percentage of vulnerable populations e.g., adults over 65 years, children under 5 years.
  - Demographic data for each state, including the percentage of vulnerable populations.
  - Influenza mortality data for each state.
3. If influenza seasonality varies across states, then staffing requirements will differ by state.
  - Influenza seasonality data, including start and end times for each state.
  - Influenza mortality data for each state.