Person 1: Exploratory Data Analysis (EDA) Specialist

Columns to Use:

- Name (to identify different pollutants)
- Measure (to understand how the indicators are measured)
- Geo Place Name (to analyze data by neighborhood)
- Data Value (for statistical analysis of pollution levels)
- Time Period and Start_Date (for temporal context)

Person 2: Temporal Analysis Specialist

Columns to Use:

- Name (to focus on specific pollutants)
- Geo Place Name (to analyze trends in specific neighborhoods)
- Time Period and Start_Date (to plot and analyze trends over time)
- Data Value (to analyze changes in pollution levels)

Person 3: Spatial Analysis Specialist

Columns to Use:

- Name (to identify different pollutants)
- Geo Type Name and Geo Join ID (for mapping and spatial analysis)
- Geo Place Name (to identify and compare neighborhoods)
- Data Value (to analyze pollution levels spatially)

Person 4: Reporting and Dashboard Specialist

Columns to Use:

- Name (to categorize data by pollutants)
- Measure and Measure Info (to understand units and measurement context)
- Geo Place Name (to allow for geographic filtering in the dashboard)
- Time Period and Start_Date (to enable temporal filtering in the dashboard)
- Data Value (to display key metrics and trends)

By focusing on these columns, each team member can efficiently work on their assigned tasks and contribute to a comprehensive analysis of the NYC air quality data. Let me know if you need further details or assistance!