**Individual Contribution Report - Person 2**

My work in that project involved, predominantly, working on the reporting and visualization using SQL Server Reporting Services (SSRS) and Tableau.

I joined the effort as data poured into the warehouse and was validated. From project requirements, I created four detailed SSRS reports.

The reports:

* Daily pollutant levels of NYC’s five boroughs.
* Pollution levels over the years.
* Tracking pollution levels month by month.
* Studies that correlated air pollution with health outcomes.

Every SSRS report came with easy-to-understand parameters, filters and presentable visualizations for professional and stakeholder reporting.

I also created an interactive Tableau dashboard that had four primary visualizations:

* County-level pollution maps.
* Graphs with time series data on pollutants by season.
* Comparing counties on individual pollutants.
* Charts showing health effects: how many hospitalizations what levels of pollutants caused.

I made Tableau dashboards interactive, so a reader could filter by location, type of indicator and timeframe, for dynamic data exploration.

But I learned to hook Tableau up to SQL Server databases to generate sleek, useful-looking dashboards. It was also tricky to display large data summaries in Tableau and to make Tableau dashboards match SSRS reports.

It taught me crucial business intelligence skills — data visualization, business reporting, parameterized queries and dashboard design.