

# Examining Air Quality and Poverty in NYC

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# Research Question

How does air quality vary in neighborhoods of different socioeconomic standing?

- Specifically **PM 2.5** and **Ground-Level Ozone**

# Technique / Methods / Study Sites

**Data Source:** US EPA (Environmental Protection Agency)

**Study Sites:** The Bronx, Manhattan, Brooklyn, Queens, Staten Island



Source: [epa.gov](https://www.epa.gov)

# Computer Skills

Python - Data Analysis & Graphs

Microsoft Excel - Data Analysis & Graphs



Source: [python.org](https://python.org)



Source: [careeranna.com](https://careeranna.com)

Excel

# Research Outcomes

- Learn how to obtain air quality data from government sites
- Learn how to make time series plots (Python/Excel)
- Understand differences in air quality across the city and who is most impacted
- Learn how to present scientific information effectively



Source: [cancollab.com](http://cancollab.com)