1. **What is the distribution of deaths across different age groups?  
   *Motivation*: Age is a crucial factor in public health research. Different age groups face distinct health risks and lifestyle factors that may influence the frequency and causes of death.**
2. **How are accidental deaths distributed across different ZIP codes?  
   *Motivation*: Geography plays an important role in understanding mortality patterns. Examining the distribution of deaths by ZIP code may help identify hotspots where accidental deaths are more concentrated.**
3. **How have death cases changed over time?  
   *Motivation*: Analyzing yearly trends can show whether overall deaths are increasing or decreasing, and highlight unusual fluctuations in particular years, which may reflect broader social, policy, or environmental factors.**

A1 Exploratory Data Analysis: Allegheny County Accidental Deaths

Dataset Introduction