

**1. What is the statistical summary of air quality and water pollution?**

```
summary(city_pollution$AirQuality)
summary(city_pollution$WaterPollution)
```

**2. What cities have air quality above 99 and water pollution below 1?**

```
library(dplyr)
city_pollution_v1 <- city_pollution %>%
  filter(AirQuality > 99 & WaterPollution < 1)
```

```
View(head(city_pollution_v1))
```

**3. What is the correlation co-efficient between water pollution and air quality?**

```
cor(city_pollution$AirQuality, city_pollution$WaterPollution)
```

**4. What is the standard deviation of air quality and of water pollution?**

```
sd(city_pollution$AirQuality)
sd(city_pollution$WaterPollution)
```