**Questionnaire Analysis**

Overall, 90 people responded to the questionnaire.

1. Out of these 90 people, 49 are aware of the effects of pollution and ignore them, 20 are aware of the effects and avoid polluted areas and 21 people are not aware.

Although 23% (21 people) of the people who responded were not aware of the effects, 2 would use the app daily and 19 would use it occasionally, which shows that they would still use it even though they are unaware.

Of the remaining 77% (69 people) that were aware of the effects, 16 would use it daily, 46 would use it occasionally and 7 would never use it.

1. 14 out of the 90 people that responded suffered from a respiratory disease.

3/14 were aware of the effects of pollution and avoid polluted areas, 10 people are aware but ignore the effects and 1 is not aware at all. So, even though the sample size is very small, 93% of people who suffered from a respiratory disease knew about the effects of pollution, with 71% ignoring them.

1. 56/90 people were willing to take an alternative route with less pollution.

Modes of transport for those that are willing:

|  |  |
| --- | --- |
| Bus | 10 |
| Car | 15 |
| Cycle | 2 |
| Tube | 10 |
| Train | 1 |
| Walk | 18 |

Modes of transport for those that were not willing to take an alternative route:

|  |  |
| --- | --- |
| Bus | 5 |
| Car | 13 |
| Cycle | 1 |
| Tube | 7 |
| Walk | 6 |
| Air (lol) | 1 |
| All of the above | 1 |

This shows that of those that are willing to take an alternative route, most of them walk to work whereas those who aren’t willing to take an alternative route, travel by car mostly.

1. 34% of people said that the knowledge of the amount of pollution they were being exposed to on the way to work would change their decision about going.

This shows that even if we recommended that people should stay at home given the high pollution levels, the majority of them wouldn’t follow this advice.

1. 74% of people said that they were willing to provide feedback within the app.

The question wasn’t phrased in a way that would suggest that we would use these recommendations to personalise results for them, so the results may have been higher if this was clarified.

1. Out of the 26 people that answered ‘No’ to this question: “If you were informed about the harmful effects air pollution has to your health, would it make you concerned about your everyday commute?”, 19 answered ‘Somewhat’ or ‘Significantly’ to this question: “Spending 20 minutes on the Northern Line during rush hour would be equivalent to you having smoked an entire cigarette. How much does this change the way you feel about air pollution?”.

This shows that of those that wouldn’t be concerned, all of those people would then become concerned if the effect of air pollution was quantified and represented in the form of the second question.