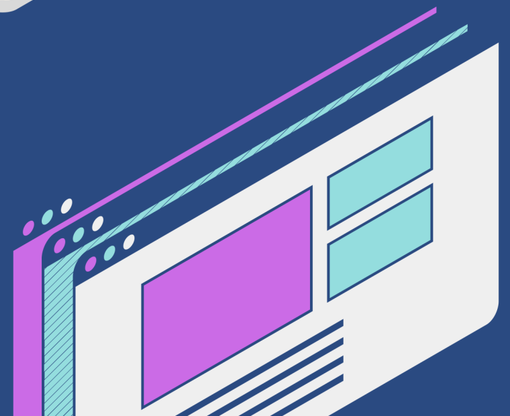
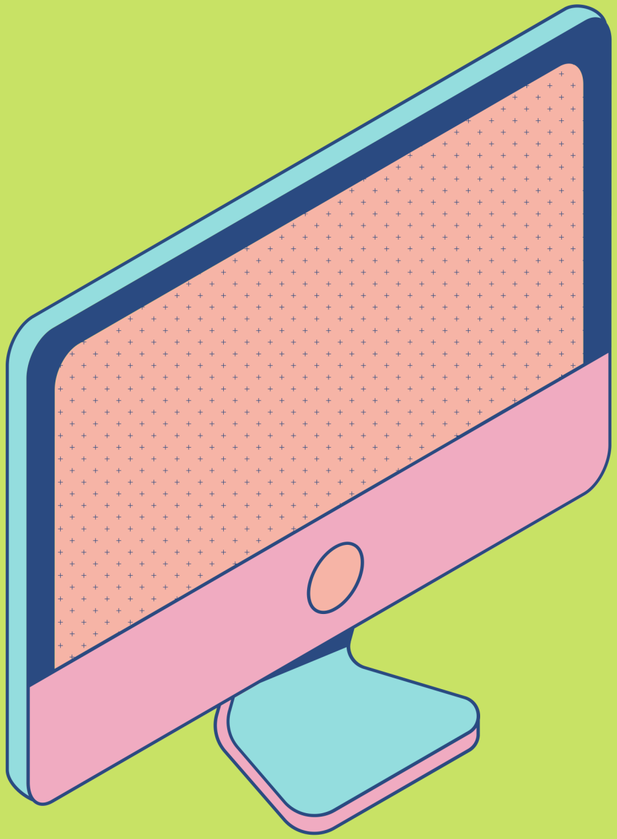


TEAM NAME

Little Data



TEAM MEMBERS

- María Paola Carrera Mora
- Sofía López Oviedo
- David Xie Li
- Melissa Madrigal Godínez

Question Posed

How do mass events affect infection?

Coldplay Music of the Spheres

- Population: 50000
- Number of assistants to the mass event: 40000
- Number of interactions: 50
- Coldplay day concert: 5

```
- Day: 4
- Infected: 66
- Infected percentage: 0.13
- Hosptalized: 2.64
- Sick Mask Wearers: 16
- Mask Wearers: 25000
- Recovered: 1
--------------------------
- Day: 5
- Infected: 526
- Infected percentage: 1.05
- Hosptalized: 21.04
- Sick Mask Wearers: 186
- Mask Wearers: 25000
- Recovered: 5
--------------------------
- Day: 6
- Infected: 1244
- Infected percentage: 2.49
- Hosptalized: 49.76
- Sick Mask Wearers: 412
- Mask Wearers: 25000
- Recovered: 12
```

```
- Day: 12
- Infected: 37451
- Infected percentage: 74.9
- Hosptalized: 1498.04
- Sick Mask Wearers: 17832
- Mask Wearers: 25000
- Recovered: 6699
```

```
- Day: 24
- Infected: 0
- Infected percentage: 0.0
- Hosptalized: 0.0
- Sick Mask Wearers: 0
- Mask Wearers: 25000
- Recovered: 49450
Number recovered: 49450
Number susceptible: 551
```

Coldplay Music of the Spheres

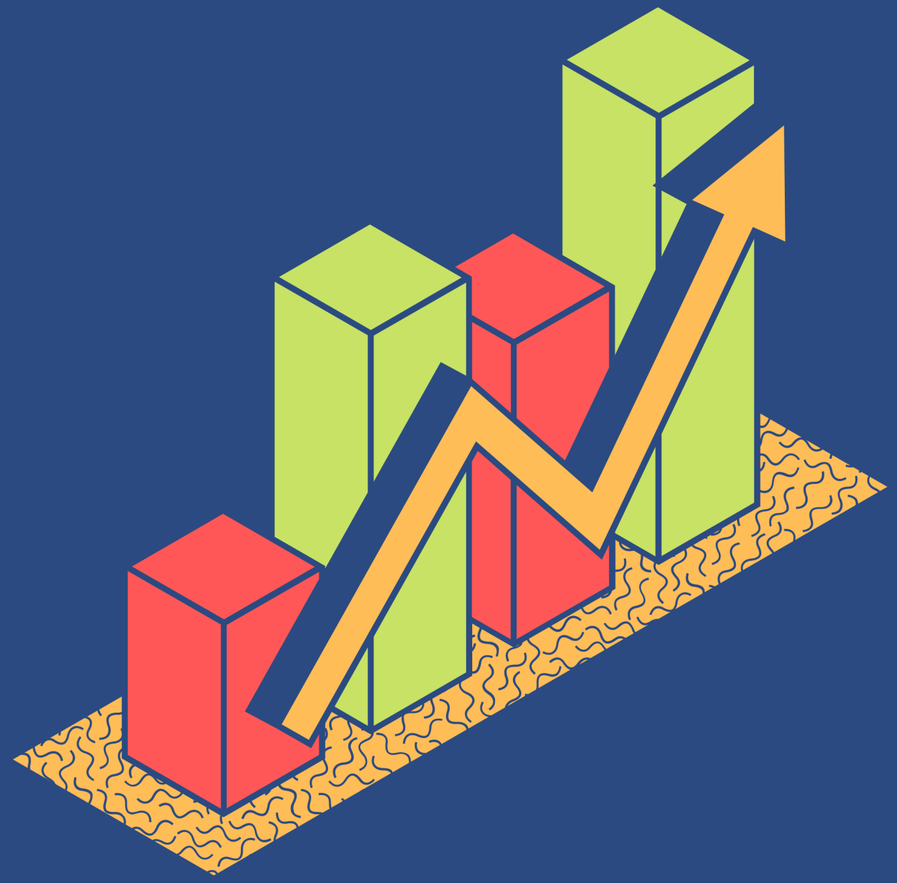
```
- Day: 4
- Infected: 43
- Infected percentage: 0.09
- Hosptalized: 1.72
- Sick Mask Wearers: 11
- Mask Wearers: 25000
- Recovered: 2
---------------------------
- Day: 5
- Infected: 234
- Infected percentage: 0.47
- Hosptalized: 9.36
- Sick Mask Wearers: 74
- Mask Wearers: 25000
- Recovered: 4
---------------------------
- Day: 6
- Infected: 545
- Infected percentage: 1.09
- Hosptalized: 21.8
- Sick Mask Wearers: 163
- Mask Wearers: 25000
- Recovered: 8
```

- **Population: 50000**
- **Number of assistants to the mass events: 20000**
- **Number of interactions: 35**
- **Coldplay day concert: 5**

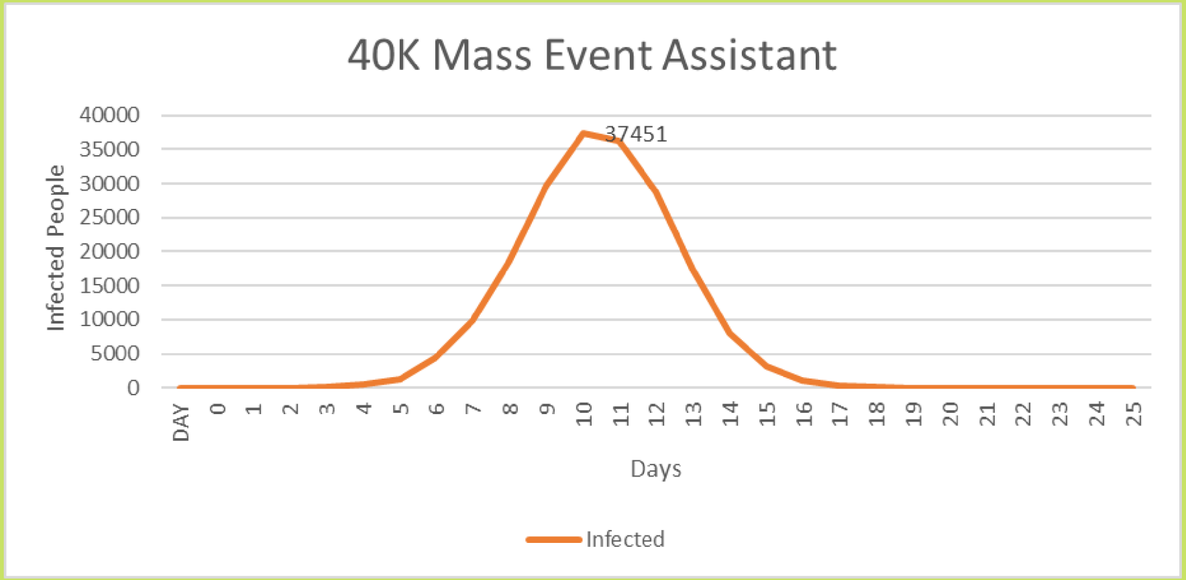
```
- Day: 13
- Infected: 37279
- Infected percentage: 74.56
- Hosptalized: 1491.16
- Sick Mask Wearers: 17979
- Mask Wearers: 25000
- Recovered: 7408
```

```
- Day: 26
- Infected: 0
- Infected percentage: 0.0
- Hosptalized: 0.0
- Sick Mask Wearers: 0
- Mask Wearers: 25000
- Recovered: 49429
Number recovered: 49429
Number susceptible: 572
```

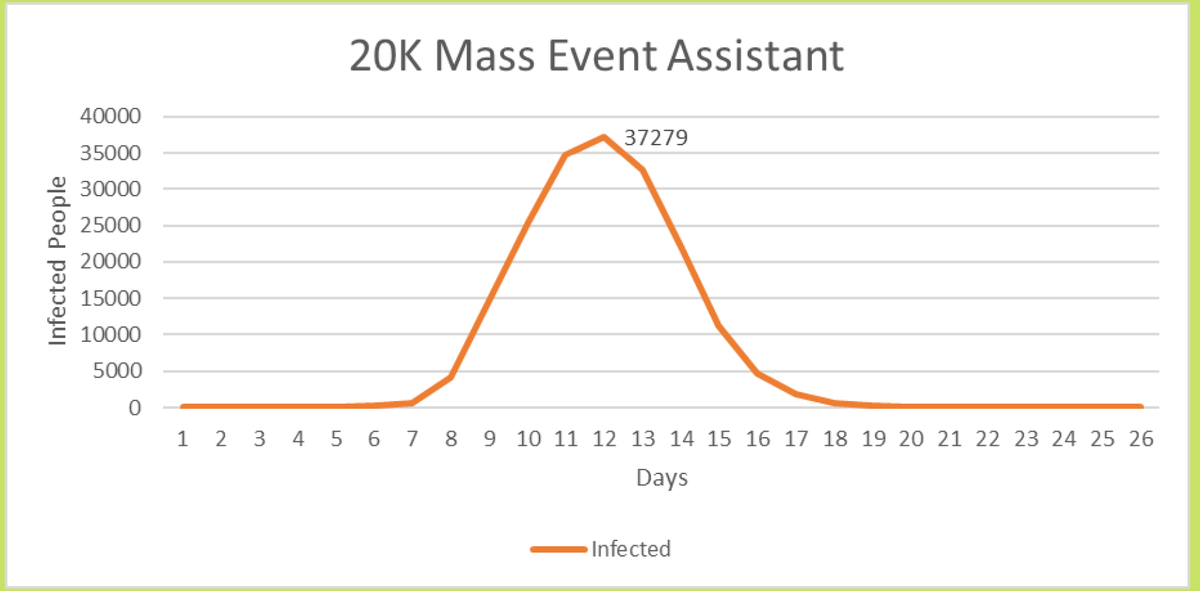
Findings with Visualizations



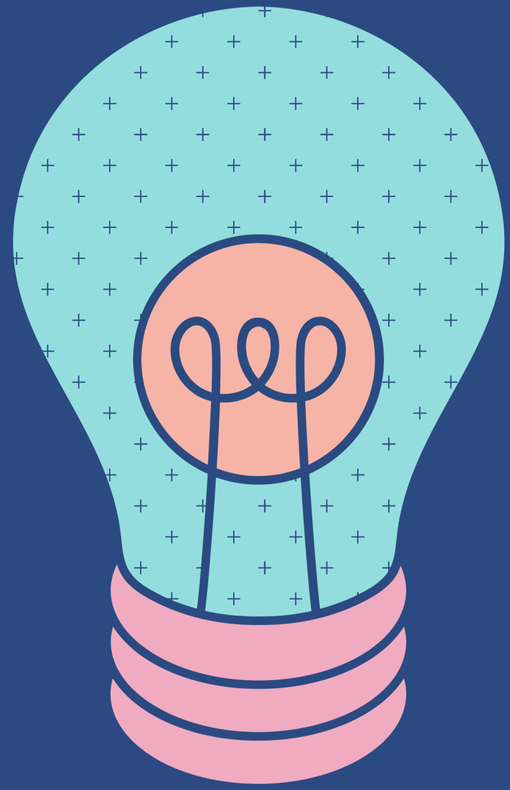
40000 assistants



20000 assistants



THANKS!



https://github.com/DavidXie10/Big-Data-Hack-2022