**BHARAGAV 999901912**

**Answer – 1:**

Melody Meckfessel, the CEO and creator of Observable, has discussed on the podcast how the visualization of the data is crucial and valuable for everyone who wants to study the data and gain insights from it. She has talked about how to neatly portray the data so that anyone can grasp what it is about and how it may be changed.Data mining is also essential as most of the operation are going to take place in near future.

**Answer – 2:**

1. The title for the project is Sort dots with Plot. Its URL is: [Sort dots with Plot / Observable / Observable (observablehq.com)](https://observablehq.com/@observablehq/sort-dots-with-plot).
2. b. Because the larger cities are drawn on top of the smaller ones, many of the dataset's at least 100,000 little cities are visible.
3. c. In order to reduce the amount of circles that are obscured, the plot utilized in this project draws the circles in descending order, with the smaller circles appearing on top.
4. d. The quantity of samples used and the plot employed both contributed to my interest in this dataset. Because the circles are formed in decreasing order by default and because we have the ability to change or disable this sort, the plot used with this dataset is quite intriguing.