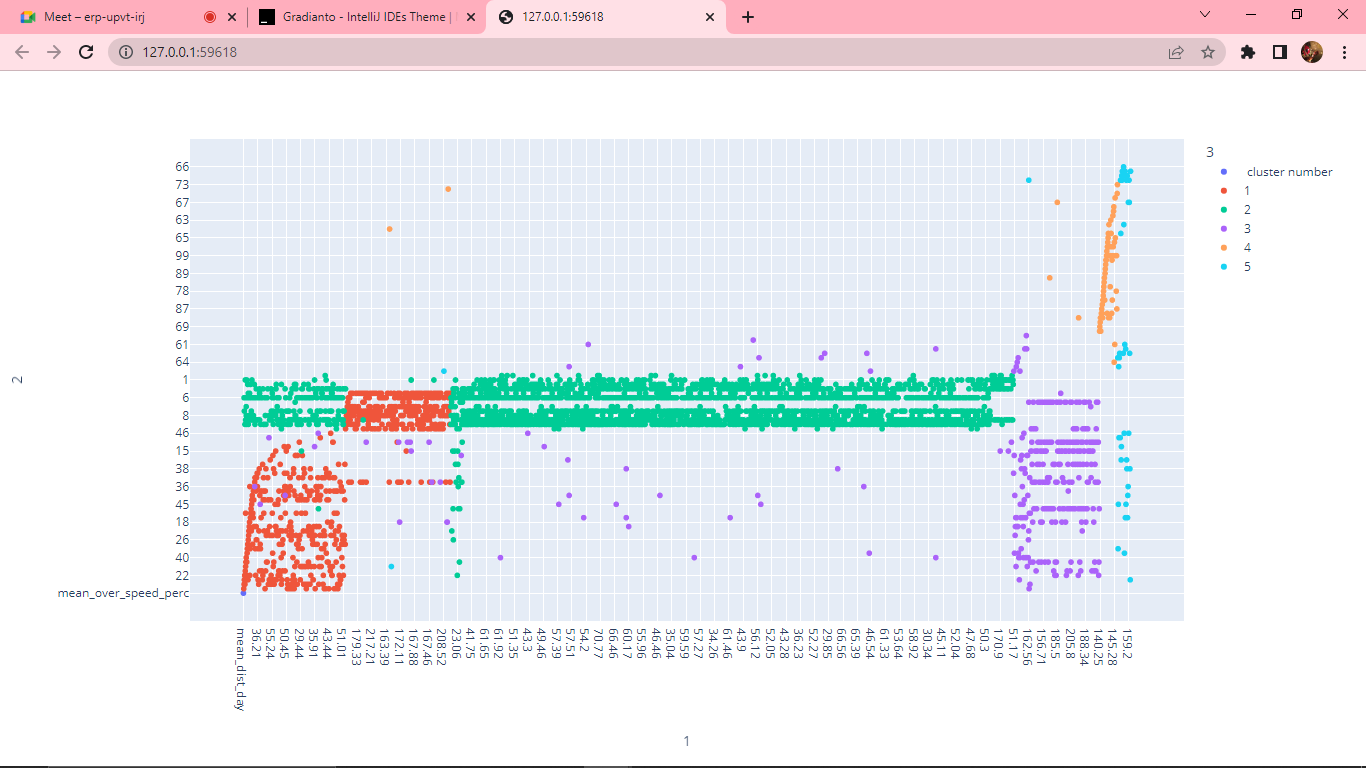
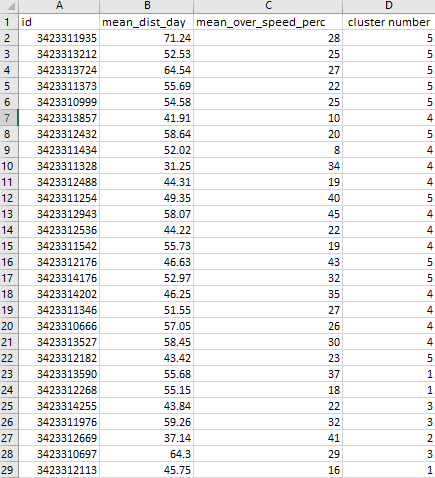
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| **DS ASSIGNMENT 01** |
| FAST NUCES ISLAMABAD |

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| **Ayra Alamdar**  **21i- 2968** |

**Graph for Question number 1:**



The clusters are colour oriented because I used the output file after my code ran. Each cluster is represented by a different colour as shown above. There is a table at the top right corner for which cluster is represented by each cluster. I have attached a couple of the readings from the excel sheet below for question 1;



**Graph for Question number 2:**

Graphical user interface, chart, scatter chart

Description automatically generated

The plot is 3D for question 3 as I used the scatter command of Python. The clusters are colour oriented because I used the output file after my code ran. Each cluster is represented by a different colour as shown above. There is a table at the top right corner for which cluster is represented by each cluster. I have attached a couple of the readings from the excel sheet below for question 2;

Table

Description automatically generated