Sprint 2	Data cleaning and Visualizing		Time	2023/09/12 to 2023/09/19 (one week)
Activity		Time	Response	Criteria
Data clean		1 day	Klaas	Remove all data from the table that does not conform to common sense or is irrelevant to the research.
Visualization	Heat map	2 days	Martin van Andel	Create a few templates of how a heatmap could look like.
	Bar chart	2 days	Sun Yixin	Bar charts can show the average number of incidents on weekdays at different hours.
	Heat map - COROP	2 days	Heisuke Miyoshi	The heat map can show the number of incidents per COROP zone
Convert linestring to nodes		1 week	Klaas	Reduce the size of the highway network dataset
Prepare the Machine learning(Clustering)		2 days	Martijn Stok	Understand data and find a way to cluster the data

Sprint 3	Data cleaning and Visualizing		Time	2023/09/19 to 2023/09/26 (one week)
Activity		Time	Response	Criteria
Visualization	Heat map	2 days	Martin van Andel	The heatmap can show the amount of incidents happening on the roads.
	Bar chart	2 days	Sun Yixin	A concise interactive interface allows bar charts to be called up as needed instead of being displayed all at once.
	Heat map - COROP	2 days	Heisuke Miyoshi	The heat map can show the number of incidents per COROP zone
Convert linestring to nodes		3 days	Klaas	Reduce the size of the highway network dataset
Writing code for clustering		4 days	Martijn Stok	Write the full code for the clustering and make a

			figure of all incidents for each cluster

Sprint 4	Prepare the material for Midcheck	Time	2023/09/26 to 2023/09/29
Activity		Time	Response	Criteria

Activity		Time	Response	Criteria
Visualization	Heat map	2 days	Martin van Andel	The heatmap is interactive with the option to select the type of incidents shown.
	Bar chart	2 hours	Sun Yixin	A clear explanation shows the bar chart and how it works
	Heat map - COROP	2 days	Heisuke Miyoshi	The heat map can show the number of incidents per COROP zone
Gather data from clustering		4 days	Martijn Stok	Data gathered for each cluster with regard to number of incident points, average distances (with approximations) and explaining results
Ethics		1 day	Martin van Andel	A document with several considerations on multiple ethical aspects.
Integrate all the works into a single notebook and update the Github wiki		1 day	Sun Yixin	Create a notebook with ample explanations and considerations on ethics.
Path finding model		4 days	Klaas	finding shortest path between two arbitrary points on the highway network