

US Traffic Accident

Team Name: Survivors

Team Members:

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Qianqian Tang <tangq@usc.edu>

Haonan Xu <haonanxu@usc.edu>

< US_Accidents_June20.csv (1.24 GB)

📄 🗃️ ⚙️

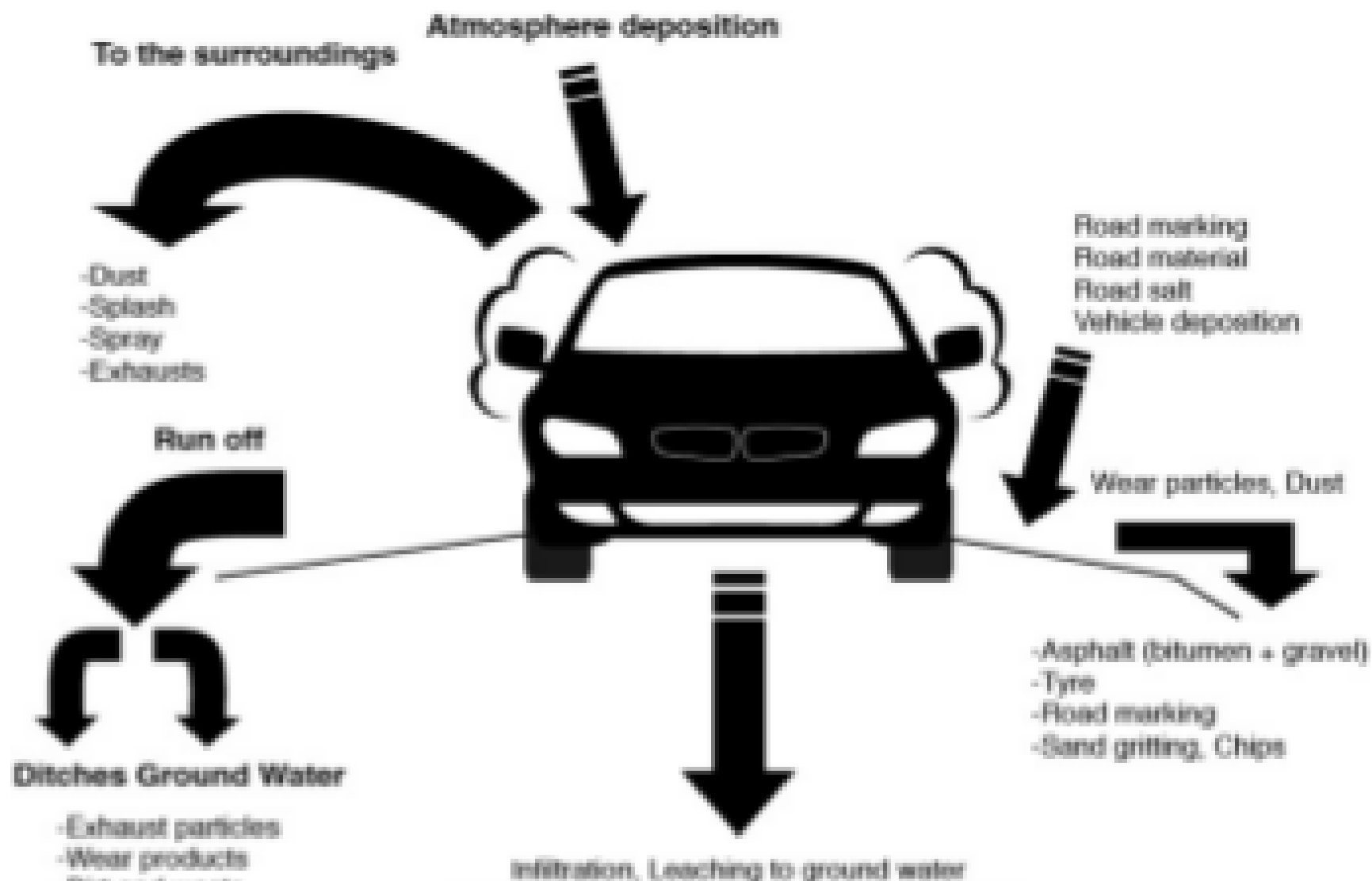
Detail Compact Column

10 of 48 columns

About this file

This file contains details of 3.5 million traffic accidents that took place in the United States, from February 2016 to June 2020.


📍 ID	📍 Source	📍 TMC	📍 Severity	📅 Start_Time	📅 End_Time	📍 Start_Lat	📍 Start_Lon
This is a unique identifier of the accident record.	Indicates source of the accident report (i.e. the API which reported the accident).	A traffic accident may have a Traffic Message Channel (TMC) code which provides more detailed description of the	Shows the severity of the accident, a number between 1 and 4, where 1 indicates the least impact on traffic (i.e., short delay	Shows start time of the accident in local time zone.	Shows end time of the accident in local time zone. End time here refers to when the impact of accident on traffic flow	Shows latitude in GPS coordinate of the start point.	Shows lon coordinate of the start point.
3513637 unique values	<div>MapQuest 80%</div> <div>5mg 20%</div> <div>Other (54112) 2%</div>						
4-1	MapQuest	344, 0	0	2016-02-08 05:44:00	2016-02-08 11:00:00	39.565147	-84.95307
4-3	MapQuest	344, 0	0	2016-02-08 06:07:00	2016-02-08 06:27:00	39.438809	-83.82071
4-3	MapQuest	344, 0	0	2016-02-08 06:49:27	2016-02-08 07:19:27	39.560748	-84.90709
4-4	MapQuest	344, 0	0	2016-02-08 07:03:04	2016-02-08 07:53:04	39.347750	-84.28950
4-5	MapQuest	344, 0	0	2016-02-08 07:29:07	2016-02-08 08:09:07	39.437781	-84.18803
4-6	MapQuest	344, 0	0	2016-02-08 07:44:25	2016-02-08 08:14:25	40.10050	-83.92571
4-7	MapQuest	344, 0	0	2016-02-08 07:55:05	2016-02-08 08:25:05	39.356074	-84.20880
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4-9	MapQuest	344, 0	0	2016-02-08 08:00:40	2016-02-08 08:30:40	39.770081	-84.17500
4-10	MapQuest	344, 0	0	2016-02-08 08:10:00	2016-02-08 08:40:00	40.10050	-83.92571
4-11	MapQuest	344, 0	0	2016-02-08 08:14:02	2016-02-08 08:44:02	39.932072	-83.77707





Accident Alert

US_Accidents_June20.csv (1.24 GB)



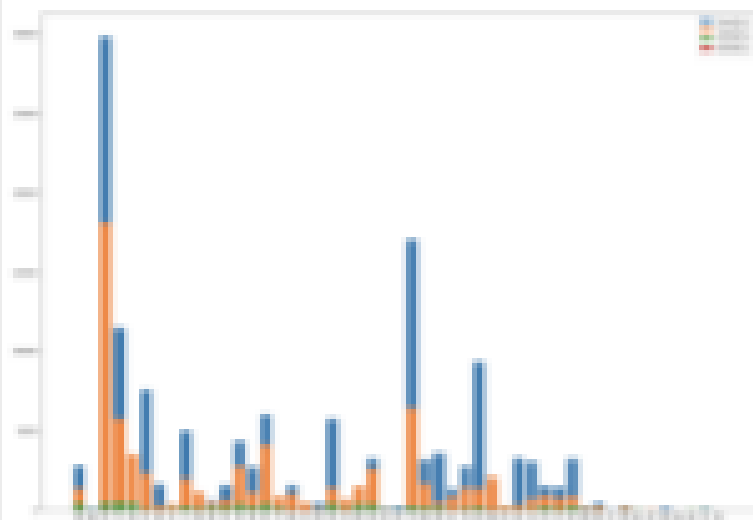
☒ Select all 49 of 49 selected

☒ ID

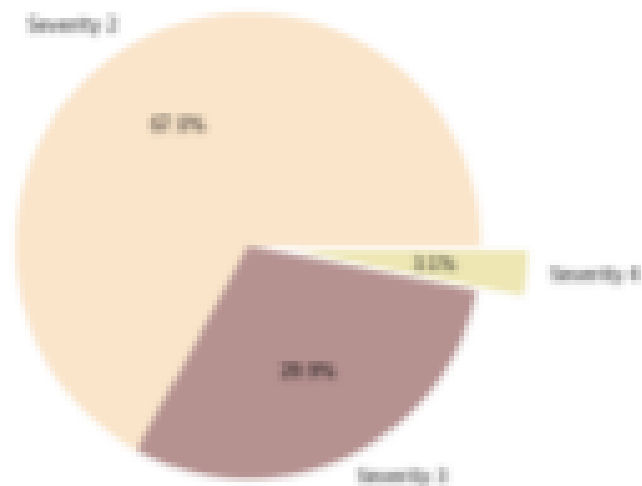
☒ Source

☒ TMC

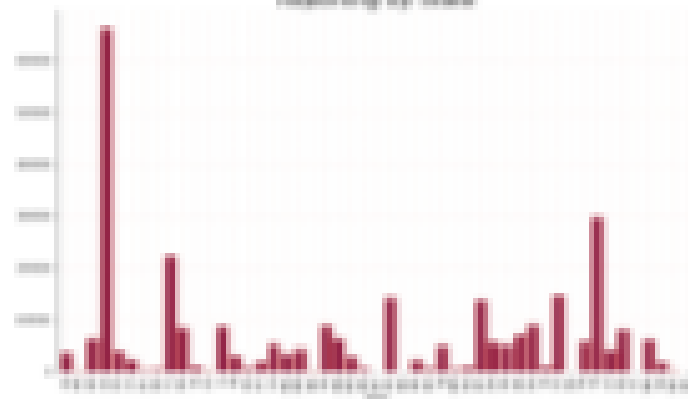
☒ Severity



Types of Severity



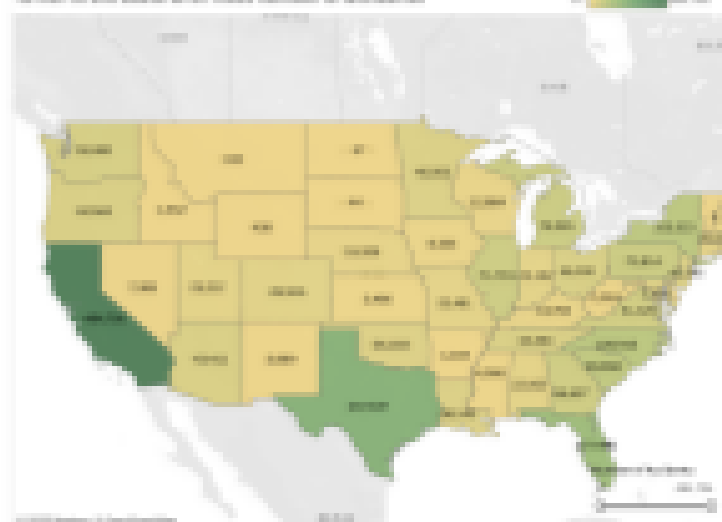
Reporting by State



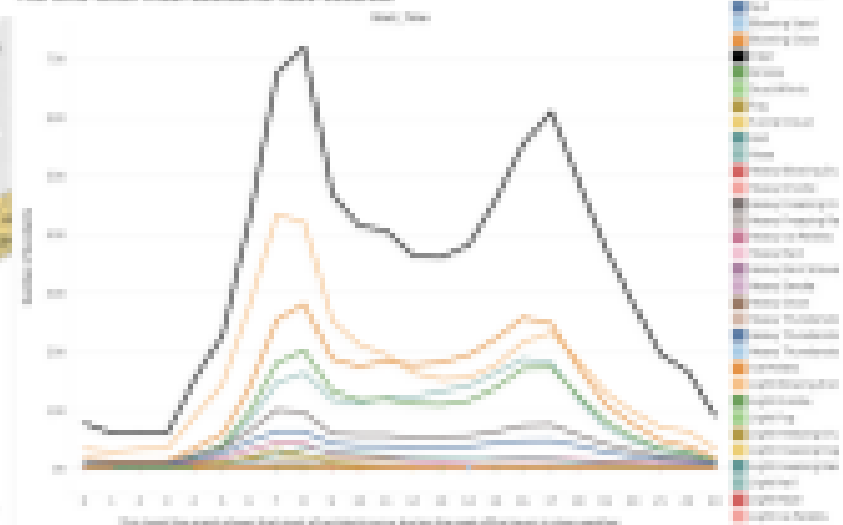
10 States with the Highest Accident Rate



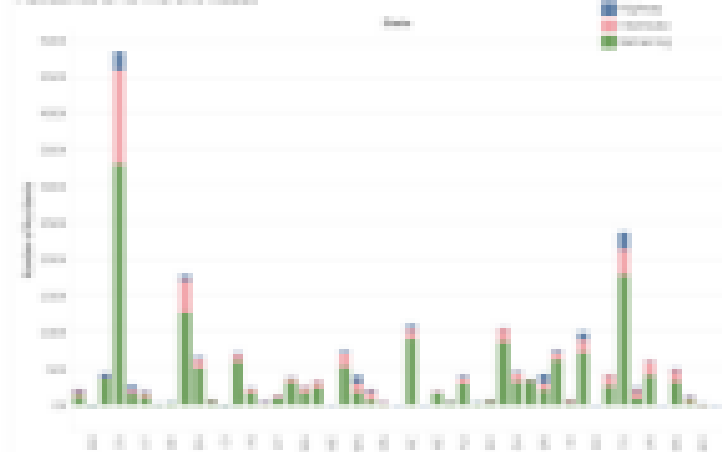
Which is the State with most number of accidents?



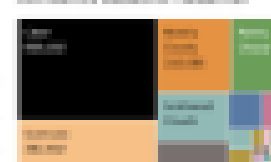
The time when most accidents have occurred.



Accidents on different roads



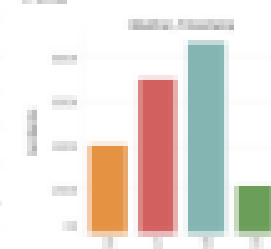
Accidents location/Weather

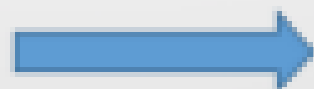
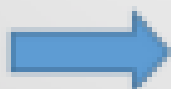
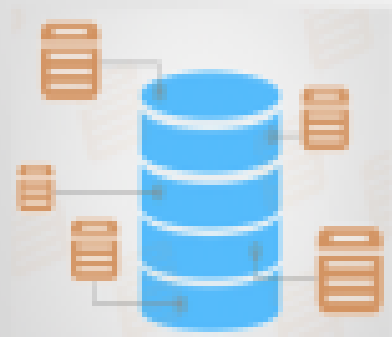


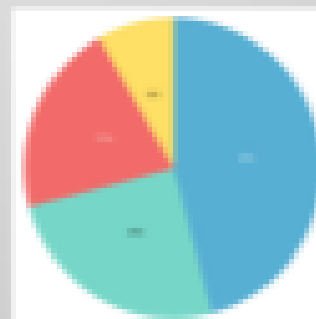
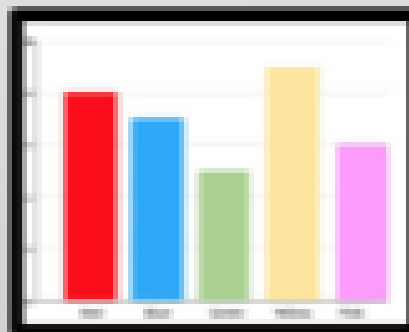
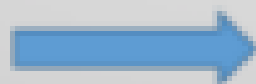
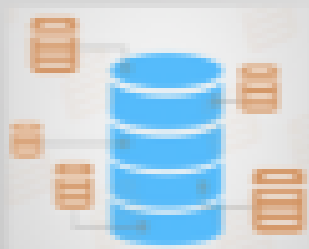
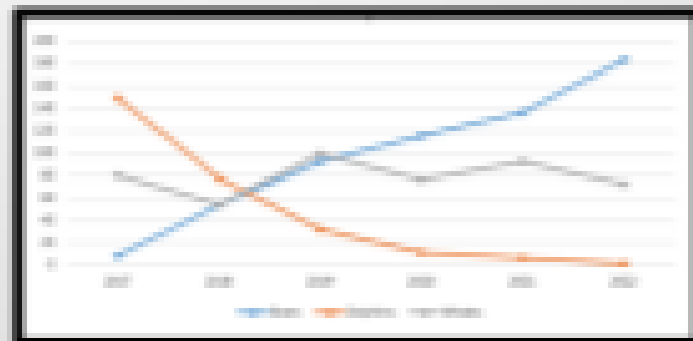
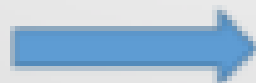
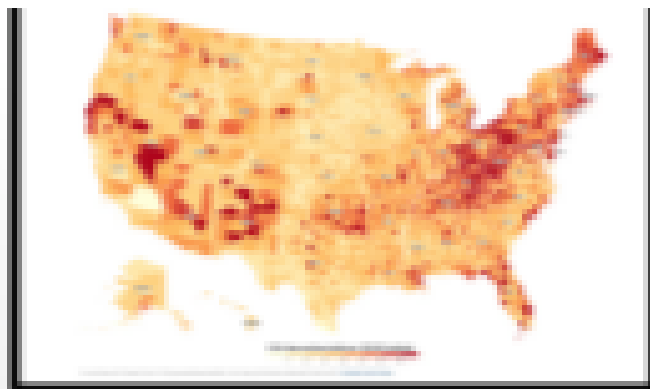
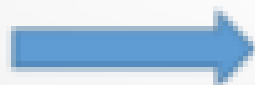
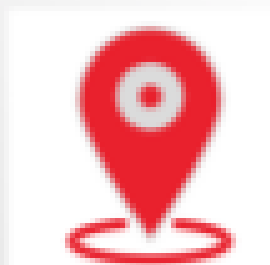
Trend in Severity per Year



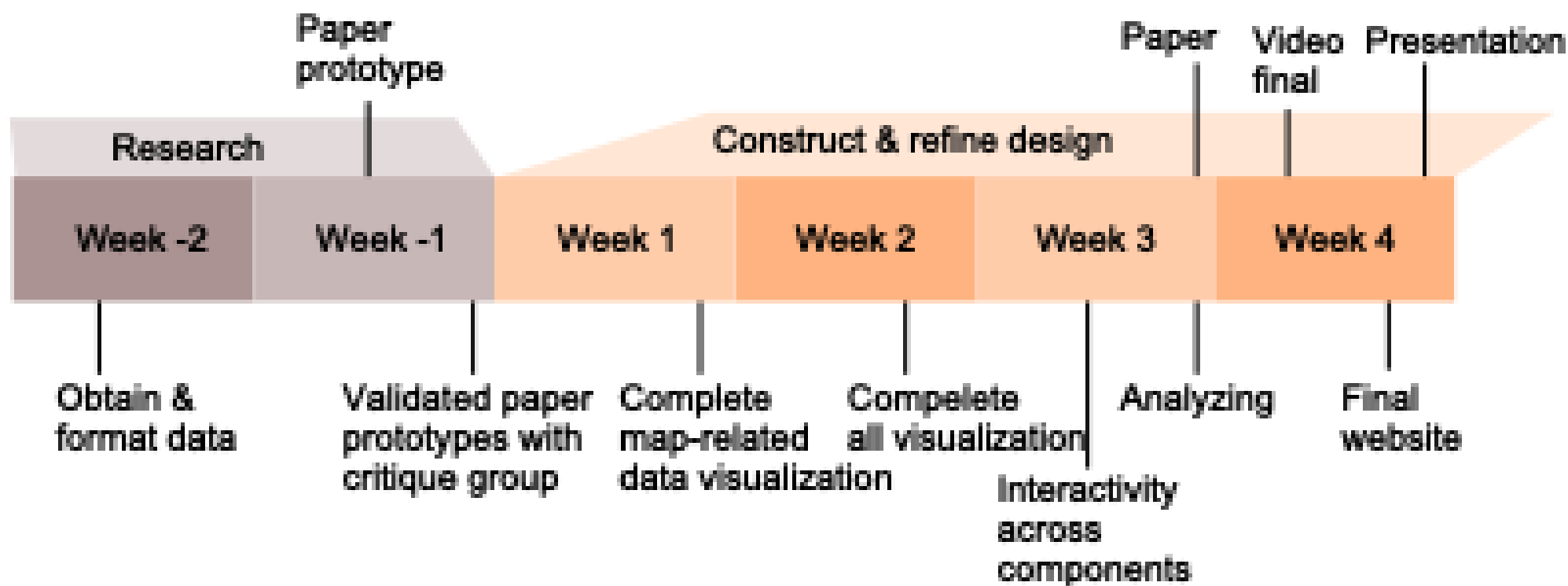
Trend











The End