



Seattle Transit Crime Risk

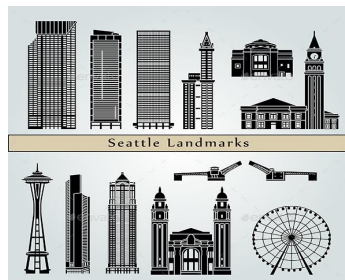
Problem

Seattle is a very popular tourist destination.

There is very little information on which commute routes pass through sketchy areas and through high-crime locations, depriving tourists (and some locals) of some important information in considering their safety.

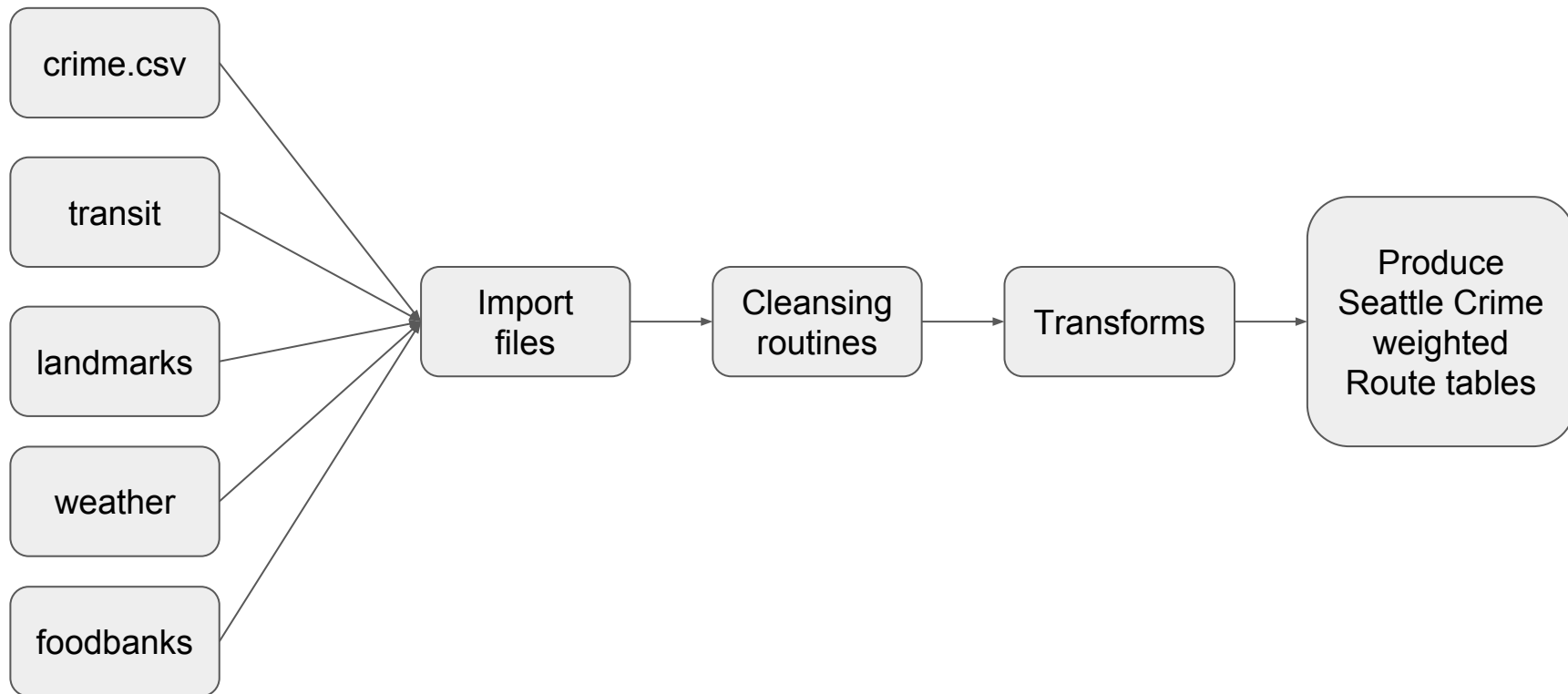
Our project proposal is to combine transit information with crime data, allowing users to see where areas of concern should be relative to famous landmarks and museums.

<div> <div>THE BLUE LINE</div> <div>Serving U.S. 1 & Downtown Areas</div> </div>									
OUTBOUND - LEAVE DEPOT					LIGHT PRINT A.M. / BOLD PRINT P.M.				
DEPOT	RIVERSIDE CENTER	SEABRIDGE SQUARE	COBBLESTONE PUBLIX	V.A.CLINIC	WAL-MART	LEWIS PT. PLAZA	FLAGLER HOSPITAL	U.S. 1 KING ST.	FLAGLER AUDITORIUM
6:45	6:50	6:52	6:55	6:58	7:05	7:10	7:15	7:23	7:30
8:55	9:00	9:02	9:05	9:08	9:15	9:20	9:25	9:33	9:40
11:05	11:10	11:12	11:15	11:18	11:25	11:30	11:35	11:43	11:50
1:15	1:20	1:22	1:25	1:28	1:35	1:40	1:45	1:53	2:00
3:25	3:30	3:32	3:35	3:38	3:45	3:50	3:55	4:03	4:10
5:35	5:40	5:42	5:45	5:48	5:55	6:00	6:05	6:13	6:20
INBOUND - RETURN TO DEPOT									
FLAGLER AUDITORIUM	U.S. 1 KING ST.	SEABRIDGE SQUARE	COBBLESTONE PUBLIX	V.A.CLINIC	WAL-MART	LEWIS PT. PLAZA	FLAGLER HOSPITAL	RIVERSIDE CENTER	DEPOT
7:50	7:55	8:00	8:03	8:06	8:13	8:18	8:23	8:28	8:35
10:00	10:05	10:10	10:13	10:16	10:23	10:28	10:33	10:38	10:45
12:10	12:15	12:20	12:23	12:26	12:33	12:38	12:43	12:48	12:55
2:20	2:25	2:30	2:33	2:36	2:43	2:48	2:53	2:58	3:05
4:30	4:35	4:40	4:43	4:46	4:53	4:58	5:03	5:08	5:15
6:40	6:45	6:50	6:53	6:56	7:03	7:08	7:13	7:18	7:25



Tourist spots info, Weather

Solution



Final Product

The final analysis product would consist of a series of summary tables highlighting those locations/routes with the highest current incidence of crime overall, as well as the following:

- Transit locations with highest year-over-year increases in crime rates;
- Locations/routes with highest rates for specific types of crimes, such as property thefts, assaults, drug use, or public intoxication;
- Give application users secondary information on transit based crime data based on input from weather scenarios