

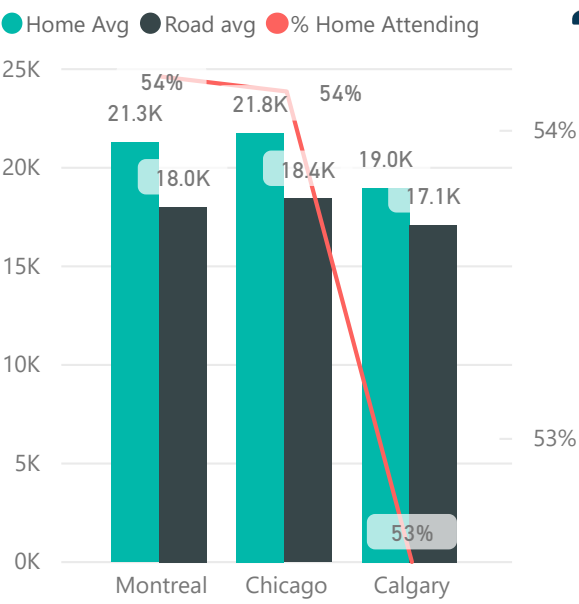


# NHL Attendance Exploration

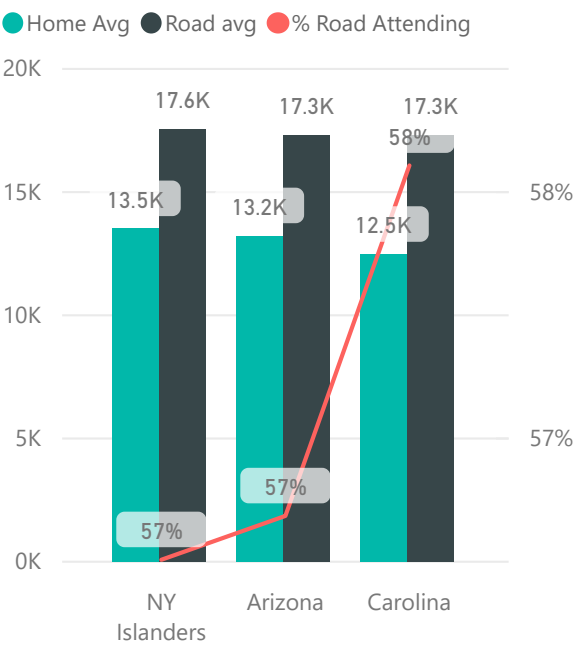
Choose Season/Team

2014-15	2015-16	2016-17	2017-18
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Top Home Supporters



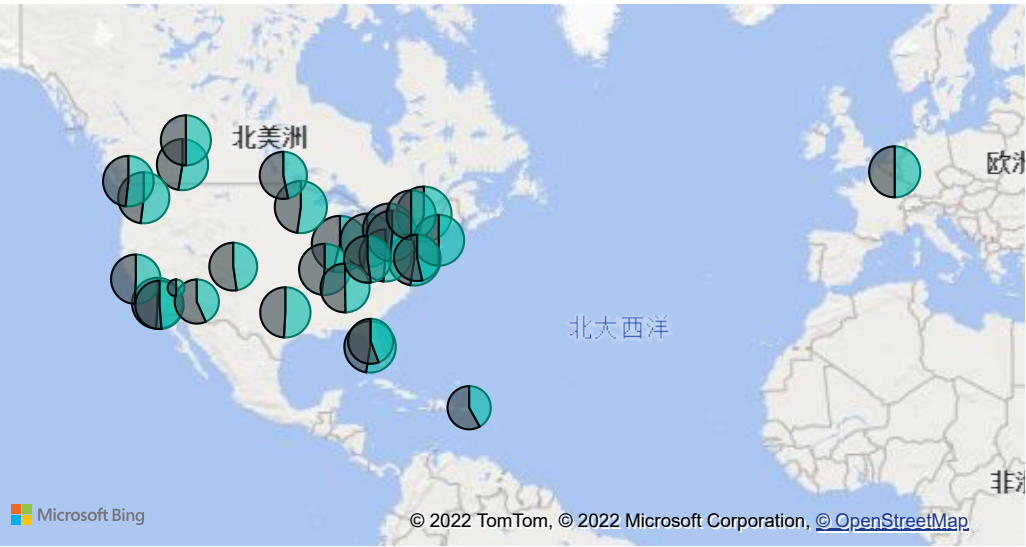
Top Road Supporters



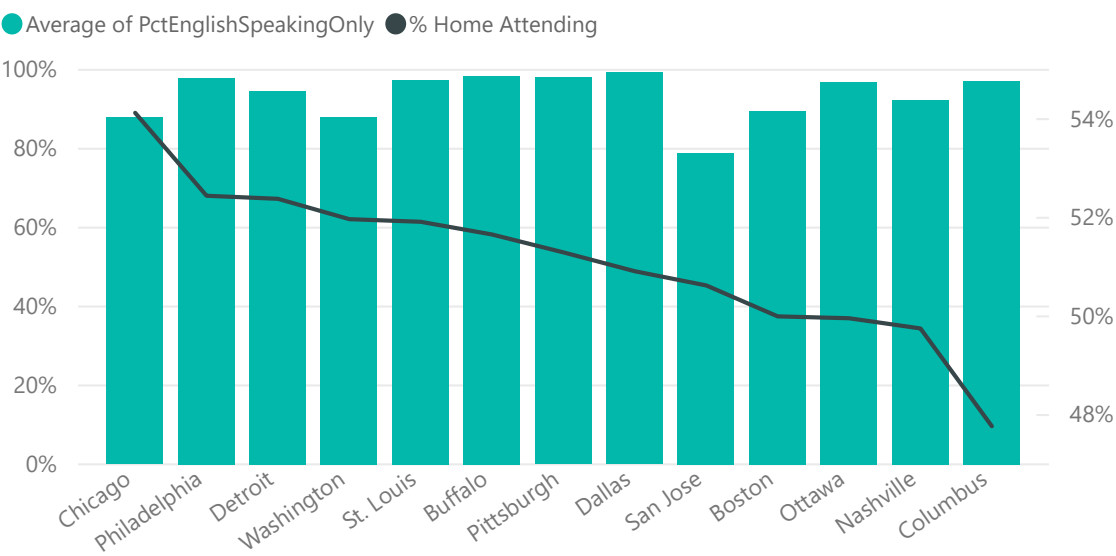
TEAM	2014-15	2015-16	2016-17	2017-18	Total
Anaheim	17,067	16,806	16,665	16,980	16,879
Arizona	15,362	15,267	15,202	15,251	15,270
Boston	17,779	18,403	17,700	17,589	17,868
Buffalo	17,913	17,926	17,688	17,974	17,875
Calgary	18,159	18,005	17,961	18,000	18,031
Carolina	14,958	14,907	14,449	15,238	14,888
Chicago	20,200	20,376	20,168	19,653	20,099
Colorado	16,776	17,256	16,126	16,630	16,697
Columbus	16,289	16,020	16,473	16,833	16,404
Dallas	17,484	17,825	17,894	17,442	17,661
Detroit	18,937	19,316	19,215	18,505	18,993
Edmonton	16,971	17,203	18,091	18,081	17,586
Florida	14,563	16,291	16,091	15,415	15,590
Los Angeles	18,419	17,771	17,765	17,806	17,940
Minnesota	18,380	18,608	18,322	18,329	18,409
Montreal	19,493	20,157	19,350	19,598	19,650
Nashville	16,930	17,234	17,134	17,329	17,157
New Jersey	16,223	16,097	15,888	16,328	16,134
NY Islanders	16,486	15,549	15,306	14,813	15,539
NY Rangers	17,919	18,045	17,958	18,005	17,982
Ottawa	17,652	17,703	17,067	16,534	17,239
Pittsburgh	18,221	18,338	18,107	18,238	18,236
Total	17,502	17,576	17,500	17,446	17,506

Home/Road

● HOME ● Road



Supporters



## Steps:

1. Explore data set (<https://data.world/makeovermonday/2019w1>)
2. Compare ratio of Road/Home, to see if certain factors contribute to higher proportion of Road attendance; Transform: derive and union data set
3. Display on a map using Pie Chart and bubble
4. Downloaded US CENSUS data, to overlay result with demographic/population etc. Transform: Join
5. Explore relation of Home/Road % and non English-speaking residents - possibly because GEOCODE2 direct name Lookup (DETROIT=3.3 Million residents, Philadelphia=7K residents) didn't cover all fans' area associated with the team. No strong relation found.
6. Basic table information for newest season's attendance. UI: Add filters
7. Exploration tab to play animation by time to see possible trend over time

Future Work: can combine with league board, to check if ranking is relevant to current/next year attendance

ColumnValue by TEAM, ColumnName and year

