

Group No.	16
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Project Title	The Correlation of outdoor/indoor basketball courts and Recreational Centres in Ottawa
Dataset with reference	<u>The Open Database of Recreational and Sport Facilities</u> https://www.statcan.gc.ca/en/lode/databases/odrsf
Project Description (Min: 100 Words)	<p>This project aims to find the relation between the number of basketball courts / parks in a neighborhood, either outdoor courts in parks or even indoor courts in a recreational centre and the neighborhood demographics or any pertinent information. Using Statistic Canada's Open Database of Recreational and Sport facilities, we can find the number of outdoor parks or recreational facilities in a specific neighborhood in Canada. As an example, having Ottawa as our city, we plan to pick a few neighborhoods that have a higher population and also neighborhoods with a lower population to compare. Finding and ultiziing different demographical information and making relations with the data of the neighborhood and the corresponding number of recreational or sports facilties to answer our question.</p>
Motivation	<p>Our group decided to do this topic because we like to play basketball, whether it is indoor or outdoor. Finding nice courts to play on is a daunting task sometimes. When we first moved to Ottawa it was very rare that we would come accross from a decent basketball court to be able to play on. It was also hard to find basketball courts that were near to our home as well. Once we discovered there was an open database for recreational and sport facilities, we had the question of what neighborhoods have the most courts? Our question then evolved to what relations are there in the neighbordhoods or cities with more basketball courts or recreational centres to their demographic or other information.</p>
References	<p>Government of Canada, S. C. (2023, January 30). <i>The open database of recreational and Sport Facilities</i>. Government of Canada, Statistics Canada. https://www.statcan.gc.ca/en/lode/databases/odrsf</p>