ALLEGHENY COUNTY (PITTSBURGH) – NEIGHBORHOOD AFFORDABILITY

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INTRODUCTION

Pittsburgh remains one of the most affordable cities in the United States. When families are looking for an area to purchase a home, they use many factors such as school district rating, affordability, commute time, walkability, and the proximity to venues like restaurants, parks or libraries. I will use various datasets to evaluate the most affordable neighborhood in Pittsburgh based on a family with children with a budget of less than $400,000 for a home.

I intend to answer the following questions:
- Which neighborhoods have the best school district? (Student success, test scores, etc.)
- Are there parks, libraries and other venues nearby?
- Will a family who wants a high performing school district have to live far away from the city?

DATA ACQUISITION AND CLEANING
- **Data Section**
  - Foursquare API for school location and neighborhood classification
  - Allegheny County Real Estate Transactions - https://data.wprdc.org/dataset/real-estate-sales which will give home sales for the last seven years
  - School Digger API for school rankings and performance metrics https://www.schooldigger.com/go/PA/county/Allegheny/search.aspx
  - School District Tax Rates - https://apps.alleghenycounty.us/website/millsd.asp . This will be a factor in affordability.