

**Denver Health Medical Center
New Candidates
Places to Live - Things to Do Near Work**

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Introduction

The Denver Health Medical Center recruits and hires health professionals from within and outside of Colorado. When recruiters contact potential applicants and/or offer candidates' positions within their organization, they are frequently asked about the best housing areas based on low crime rates. In addition, they are asked about popular restaurants and entertainment in the area surrounding the Denver Health Medical Center.

Therefore, the recruiting managers have requested a report that they can upload to their website, as part of the onboarding process, that has the top five neighborhoods to live in Denver with the lowest crime rates. They will also list the businesses that are within a 1,000-meter distance from the medical center. This list will give geographical coordinates that can easily be copied into a mapping program as well as the name of the business and they type of business.

This type of information is useful to businesses and organizations who recruit candidates from outside of the Denver area and can also be used by hotels & conference centers to give their guests a list of the popular venues nearby.

Data Acquisition

The Denver crime data csv report was obtained for free from:

<https://www.denvergov.org/opendata/dataset/city-and-county-of-denver-crime> and uploaded into the IBM Watson Studio. The crime data lists types of offenses reported as well as neighborhood location. In addition to the crime data, the venue selection was obtained from Foursquare.com which incorporates API technology to search for venues nearby the Denver Health Medical Center address and list the type of business as well as the latitude and longitude coordinates for ease of searching for the location on search engines such as Google Maps.