



# Artisanal Baking in Seattle

**Coursera Capstone**

***IBM Applied Data Science Course***

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# Introduction

**Seattle, the ever growing tech city where hipsters, nerds and families flourish surrounded by amazing mountain ranges, ocean and lake waters and clean air. One would say this is the ideal environment to stimulate farmers to grow ancient grains, feed it with the best mountain water and minerals to then create the ultimate healthy bread flower. This flower to then be used by artisanal bakers who make the most beautiful breads feeding the people in Seattle. A dream by a Dutchman who is moving to Seattle.**

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## Objective & Scope

**By using machine learning techniques and clustering we are trying to find out:**

1. To identify what the coverage of bakeries is across Seattle;
2. To identify where the best location is to open a new bakery;

**The scope of this project and its insights is limited to the “free” sources available for this research (Foursquare API, Wikipedia). Key sources that will be used are a list of neighborhoods in Seattle, coordinates of these neighborhoods and free venue data available in Foursquare.**

**The outcomes will be useful for anyone who dreams to open an artisanal bakery in Seattle.**