IBM Applied Data Science Capstone Project

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Coffee Shop in Boston

01

BOSTON IS A CENTER OF SCIENTIFIC RESEARCH. THE BOSTON AREA'S MANY COLLEGES AND UNIVERSITIES MAKE IT A WORLD LEADER IN HIGHER EDUCATION, INCLUDING LAW, MEDICINE, ENGINEERING AND BUSINESS.

02

COFFEE SHOP ARE POPULAR. WHY?

THE COFFEE SHOP OFFERS A **UNIQUELY CALM ATMOSPHERE** WHERE PEOPLE CAN GATHER WITH FRIENDS TO CATCH UP OVER COFFEE, HAVE A RELAXED LUNCH WITH FAMILY OR FOCUS ON WORK IN A **RELAXED ENVIRONMENT**.

03

THE COFFEE SHOP REMAINS ONE OF THE BEST PLACES FOR **PASSIONATE PEOPLE** TO GATHER AND DISCUSS THEIR **IDEAS AND BELIEFS**.

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01

A GOOD COFFEE SHOP WILL CREATE A WARM, HOMELY FEEL, YET AT THE SAME TIME CREATE SPACES WHERE PEOPLE CAN **SIT AND WORK** IN RELATIVE PRIVACY

02

COFFEE OUTLETS ALSO MAKE THE PERFECT PLACE FOR **INFORMAL MEETINGS AND DISCUSSIONS**, THANKS TO THE RELAXED AMBIENCE

2. Data section

To consider the problem I list the datas as below:

I found the data of location and geospatial data of college and university in https://data.boston.gov/dataset . I've cleaned the data before use it

2. Then I used Forsquare API to get the most common venues nearby the college and university of Boston and view the density of the coffee shop already opened