IBM Data Science Professional certification

CAPTONE PROJECT:

Investing in Leuven's neighborhoods

Eugene Ambe Ndamukong

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CONTENTS

1 Introduction

As an international resident in Leuven, Belgium, I have witnessed the huge potential of the city as a business hub. The city, over the years, has been a huge attraction to international students who registered to the universities in Leuven and also to tourist who come to witness the ruins of world war 2. All these in flock of people into the city also bring in money into the city through businesses like restaurants, cinemas, fast foods etc. However, these varying businesses are found in different neighborhoods. Some neighborhoods have more of a particular business than others. The distribution of different businesses in respective neighborhoods could serve a great interest to investors who are new to the city. The problem that this project aims to solve is to facilitate the investors' choice of where (neighborhood) to invest in and which type of business could do well in that neighborhood.

REFERENCES

[1] Thomas D Economon, Francisco Palacios, Sean R Copeland, Trent W Lukaczyk, and Juan J Alonso. Su2: An open-source suite for multiphysics simulation and design. *Aiaa Journal*, 54(3):828–846, 2015.

*Appendix A: Resources [*Report the config files of the software used (i.e. SU2 [1] and the mesher). Also attach to this report an archive with the mesh files, solutions and the reference solution data (e.g. data points of a Cp plot ...)*]

Mesh configuration files

SU2 configuration files