

UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA

DATA SCIENCE LAB FOR SMART CITIES

FINAL ESSAY

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# Beyond food delivery, e-commerce and food retail chains

## How to renovate small grocery stores in the Milan area and why

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## **Abstract**

The ABSTRACT is not a part of the body of the report itself. Rather, the abstract is a brief summary of the report contents that is often separately circulated so potential readers can decide whether to read the report. The abstract should very concisely summarize the whole report: why it was written, what was discovered or developed, and what is claimed to be the significance of the effort. The abstract does not include figures or tables, and only the most significant numerical values or results should be given.

## **Introduction**

introduce the problem and explain the structure of the report

### **1 Problem Description and Indicators**

#### **1.1 The Crisis of Small Food Shops**

#### **1.2 The Impact on the City of Milan and its Inhabitants**

#### **1.3 Evidence-based Analysis of the Problem**

#### **1.4 Social and Ethical Indicators**

## **2 Data Analytics, Optimization and Policy Suggestions**

### **2.1 Data Overview**

### **2.2 Data Preparation**

### **2.3 Data Visualization and Analysis**

### **2.4 Addressing the Problem: an Optimization Model**

### **2.5 Analysis of Optimization results**

## **Conclusions**

## References

The references section should contain complete citations following standard form. The references should be numbered and listed in the order they were cited in the body of the report. In the text of the report, a particular reference can be cited by using a numerical number in brackets as [1] that corresponds to its number in the reference list.  $\text{\LaTeX}$  provides several styles to format the references

## References

- [1] J. Lee, “Smart Factory Systems,” *Informatik-Spektrum*, vol. 38, no. 3, pp. 230–235, 2015.