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INSTITUTE OF COMPUTER SCIENCE
«DEPARTMENT OF COMPUTATIONAL AND DATA MODELING» OR
«CYBERSECURITY LABORATORY»

«Super program name» «x» year «Report type»

Super paper
Super popierius

Done by:

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Vilnius
2024

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Abstract

Public bus transport is a key component of modern urban mobility. Society and the environment benefit from the reduced congestion, pollution, and energy consumption in cities. However, bus transport systems are complex and require careful planning and management to ensure their efficiency and sustainability. Moreover, if provided services are sub-optimal, people tend to abandon the public transport and return to more individual mobility measures. This paper presents a review of ideas for improving bus services via the use of machine learning algorithms to predict the demand. There are several limitations: seasonal bursts, periodicities and yadda yadda.

1 Introduction

DO YOU BELIEVE IN LOVE AFTER LOVE