BUS STOP ANALYSIS:
MÉRIDA-HUNUCMÁ (ORIENTE)

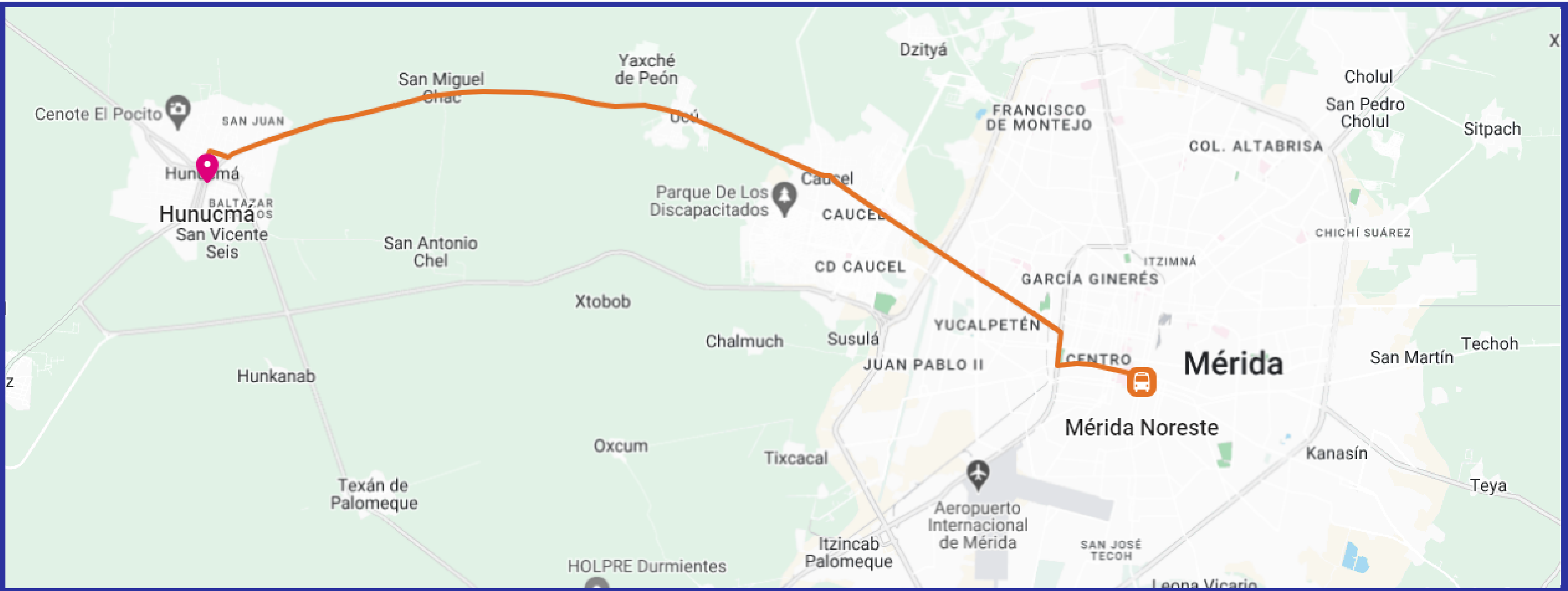**UNIVERSIDAD POLITÉCNICA DE YUCATÁN** BIS

Introduction

This project focuses on enhancing the efficiency of public transportation in Mérida-Hunucmá. By analyzing factors such as traffic and road conditions, we aim to provide users with valuable information to improve their travel experience and urban planning.
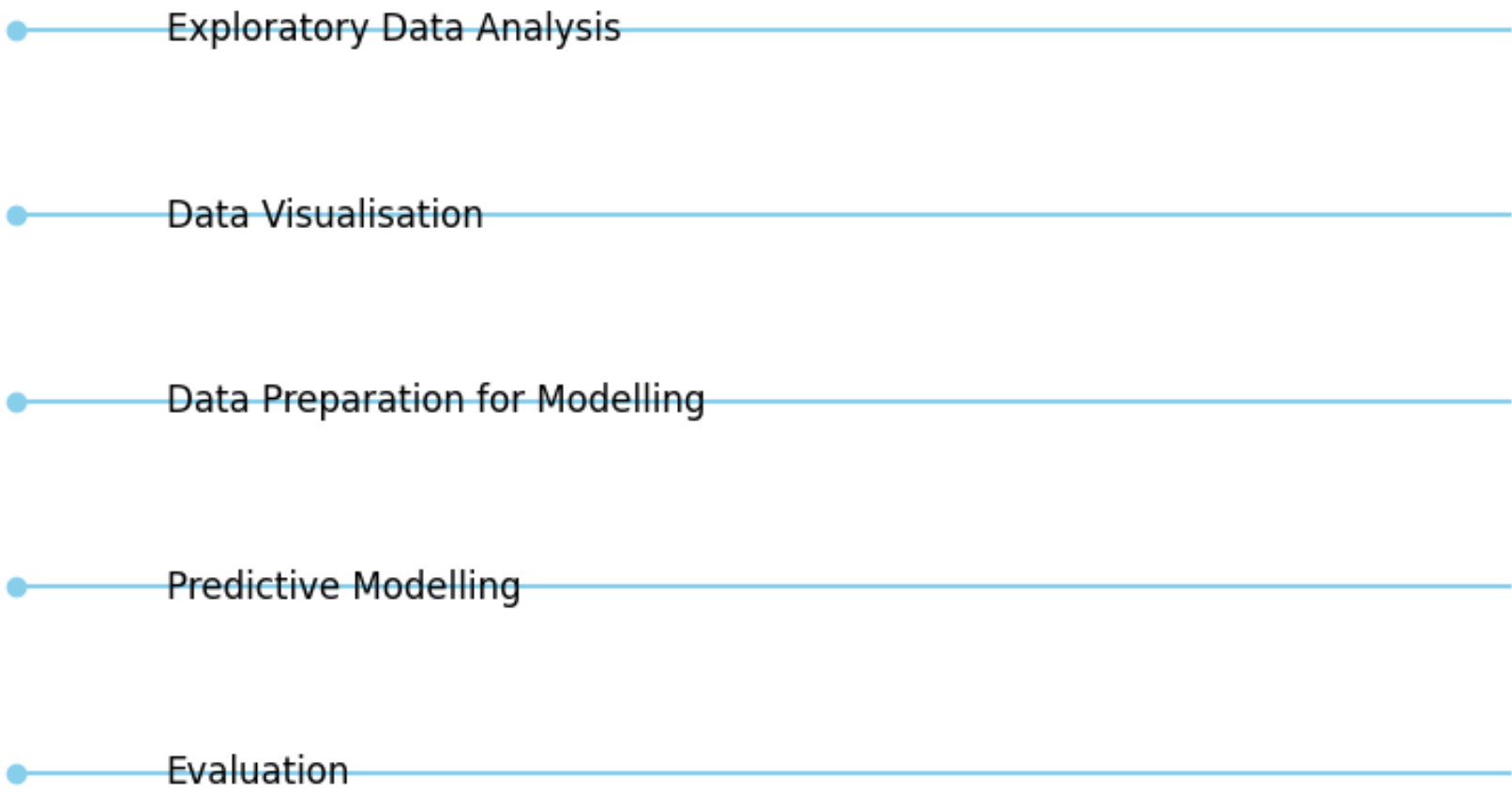
Main Objective

Predicting bus arrival times at different stops in Mérida to Hunucmá. This prediction can help improve the efficiency of public transportation and the user experience.

Methodology

- Business understanding
- Data understanding
- Data preparation
- Modeling
- Evaluation
- Development

Project Plan: Bus Stop Analysis Mérida to Hunucmá

- Exploratory Data Analysis
- Data Visualisation
- Data Preparation for Modelling
- Predictive Modelling
- Evaluation

Origin	Destination	Time	Via
MERIDA	HUNUCMA	5:00	Ucu
MERIDA	HUNUCMA	6:00	Ucu
MERIDA	HUNUCMA	6:20	Direct
MERIDA	HUNUCMA	7:00	Ucu

Result

- Reduced Waiting Times
- Increased User Satisfaction
- Valuable Information for Decision Making
- Contribution to Urban Sustainability

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