

Matson Social Skills

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DataMining Course - Spring 1400



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Briefly elaborate on what we want to discuss.

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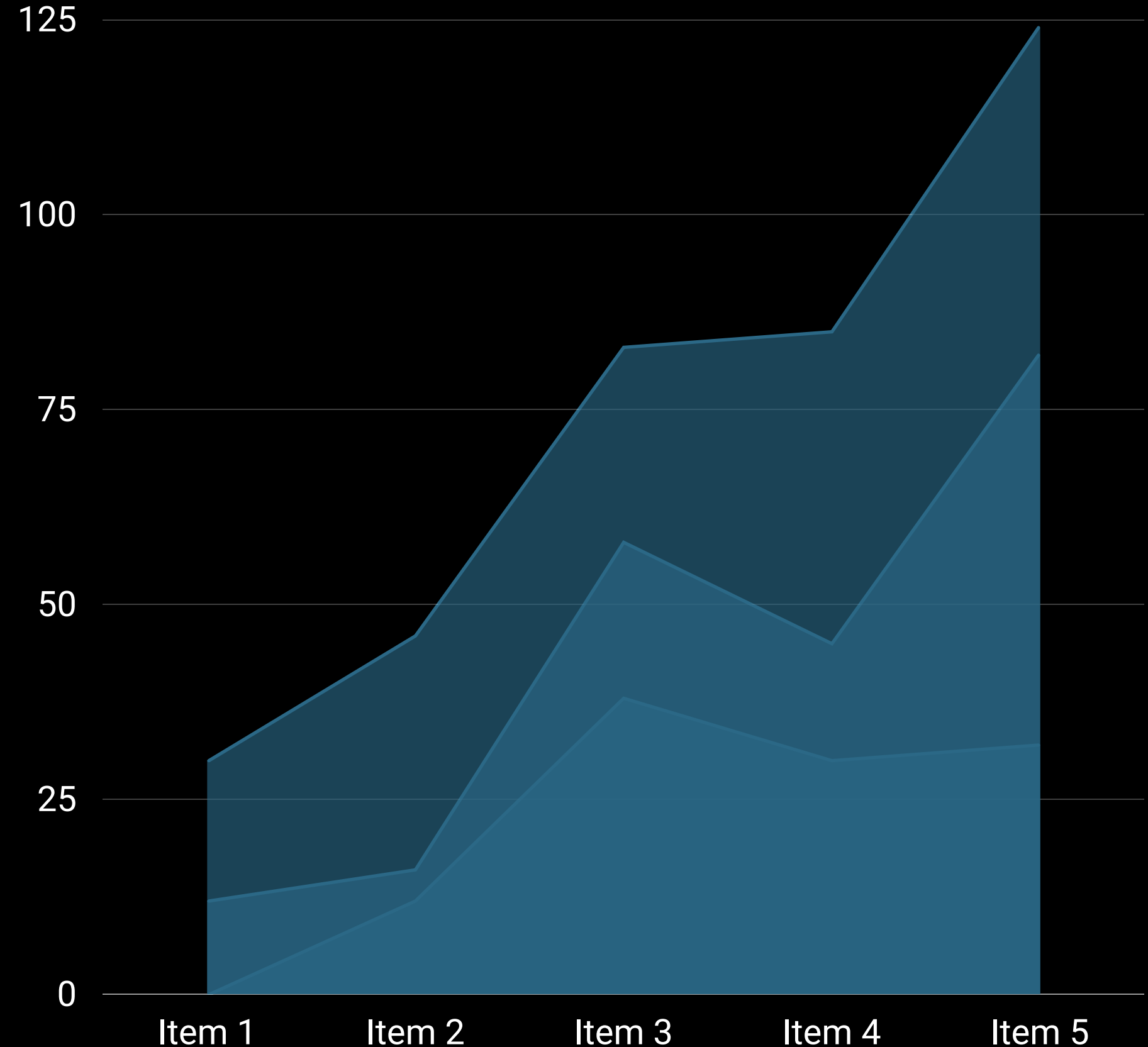
What we did?

TARGET

What is our target?

Introduction

Introduction to Data Mining presents fundamental concepts and algorithms for those learning data mining for the first time. Each concept is explored thoroughly and supported with numerous examples. KEY TOPICS: Provides both theoretical and practical coverage of all data mining topics. Includes extensive number of integrated examples and figures. Topics covered include; predictive modeling, association analysis, clustering, anomaly detection, visualization.



Our Data Set

Life Expectancy

The data was collected from WHO and United Nations website

Matson social skills

The data was collected by a master student of SBU

Fish

Review on Hematology factors collected by a PHD student of TU

Books Recommendation

The data was collected by Dr. Amirreza Asrafi



Final Data Set

Matson social skills

The development of social skills is an important process in young childhood and adolescence. Deficits present in childhood that are left undetected and/or untreated can lead to increased problems into adulthood.

Life Expectancy

This study will focus on immunization factors, mortality factors, economic factors, social factors and other health related factors as well.



Matson social Skills



160 row

Contain 80 men and women



135 column

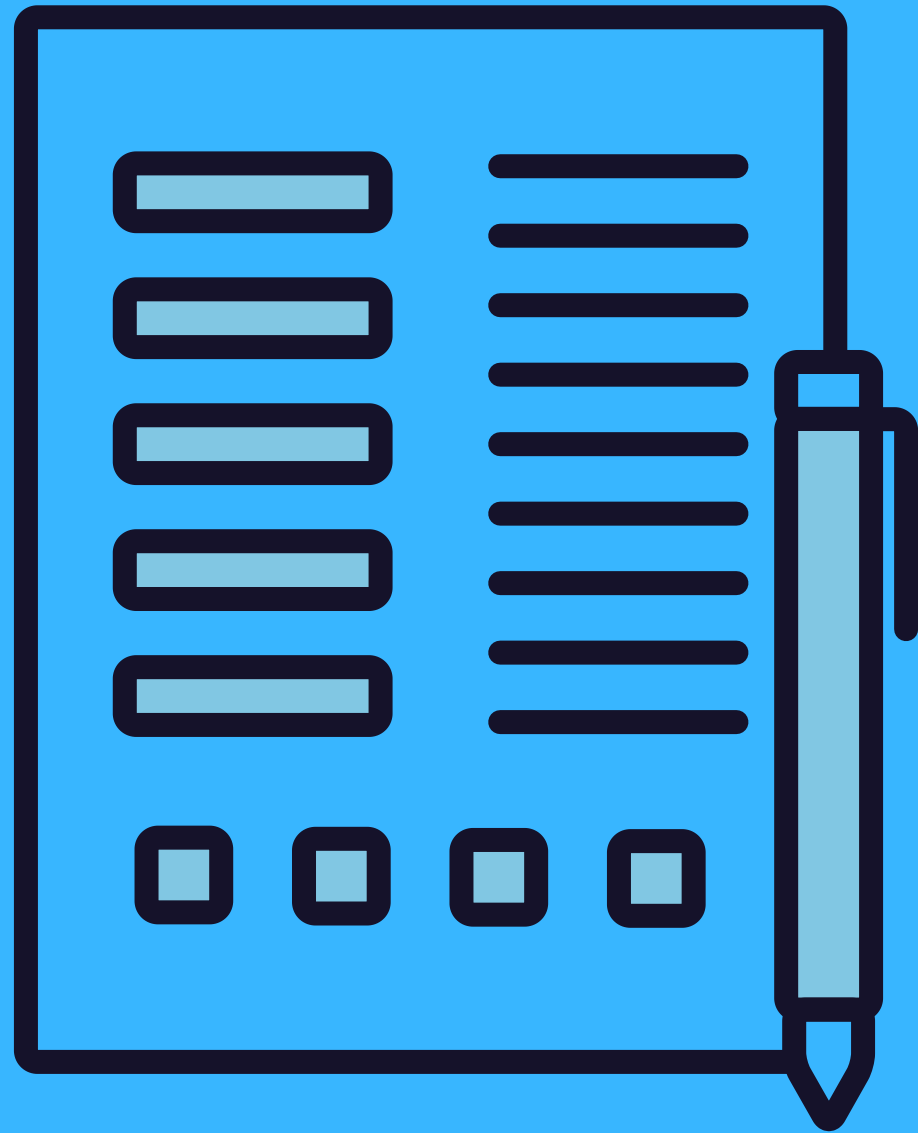
Collected by surveys



Final data set

Briefly elaborate on what you want to discuss.

OUR PROCESS



1. Data Collection

The process of gathering information from different sources



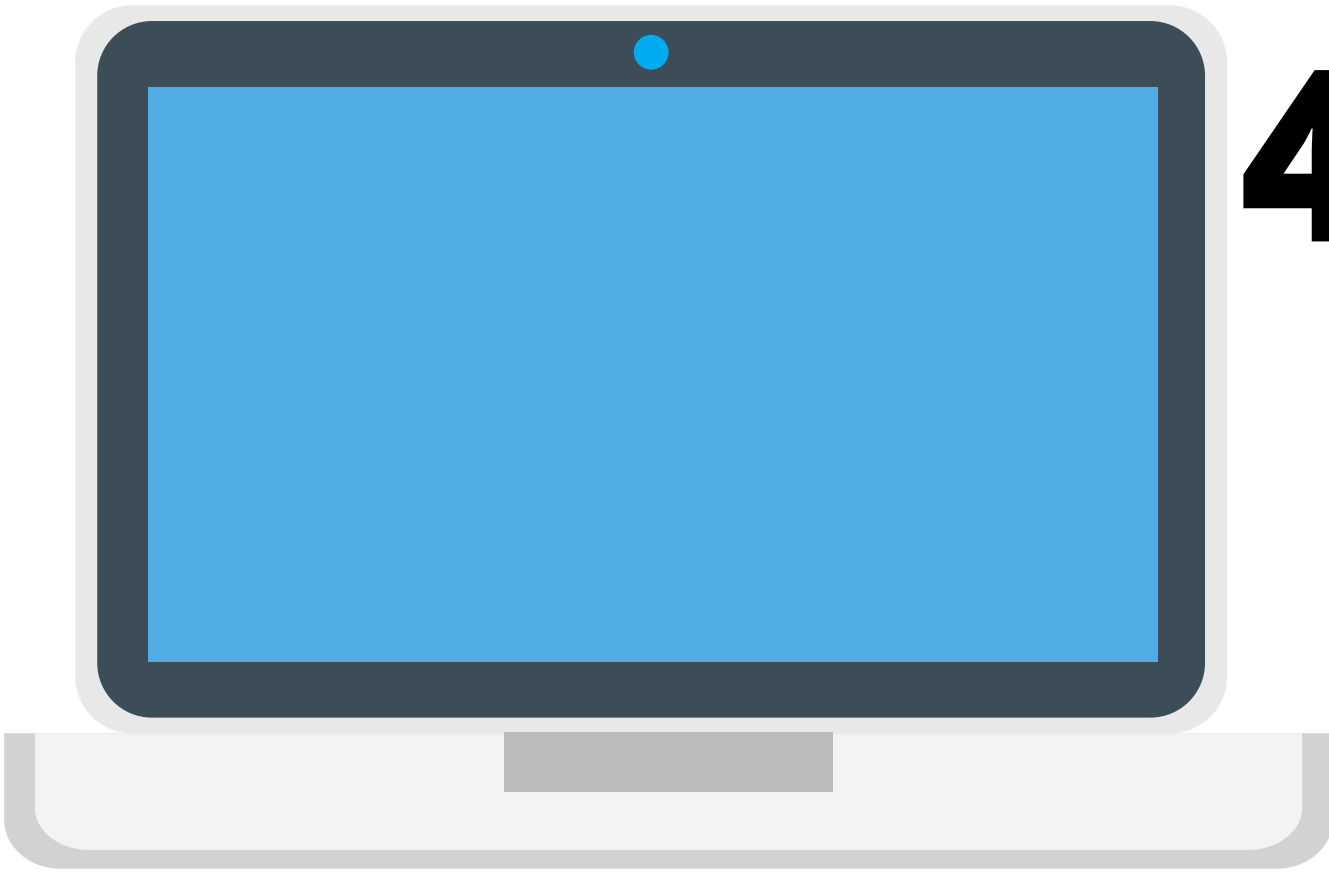
2. Data Profiling

The process of reviewing source data for content and quality



3. Data Exploration

A visual exploration to help users familiarize with information

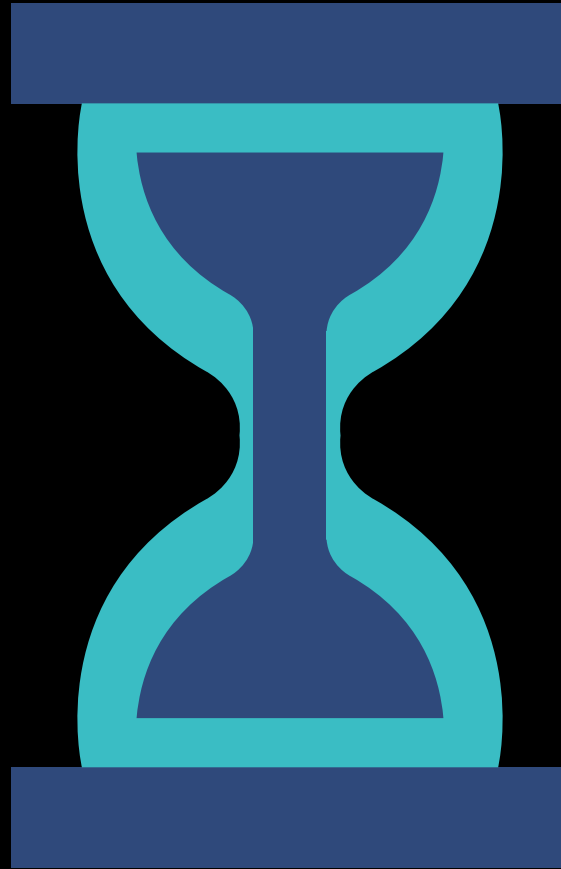


4. Pre-Processing

It include feature engineering, management of missing values and outliers, data normalization, etc.



OUR TARGET



in progress

Do you have any questions?

THANKS