CS 418 Final Project

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1. Problem Selection

2. Data Collection

3. Data Preparation

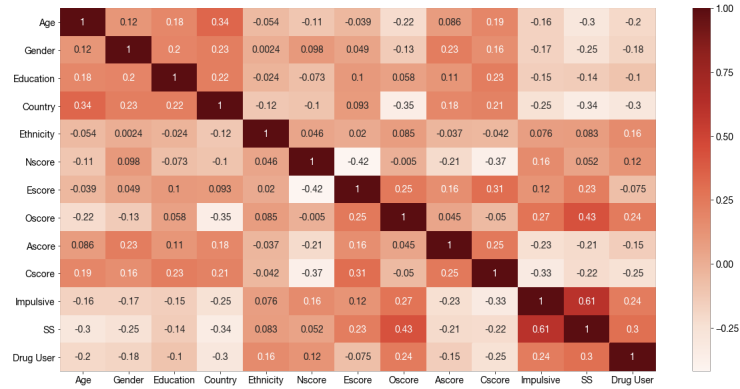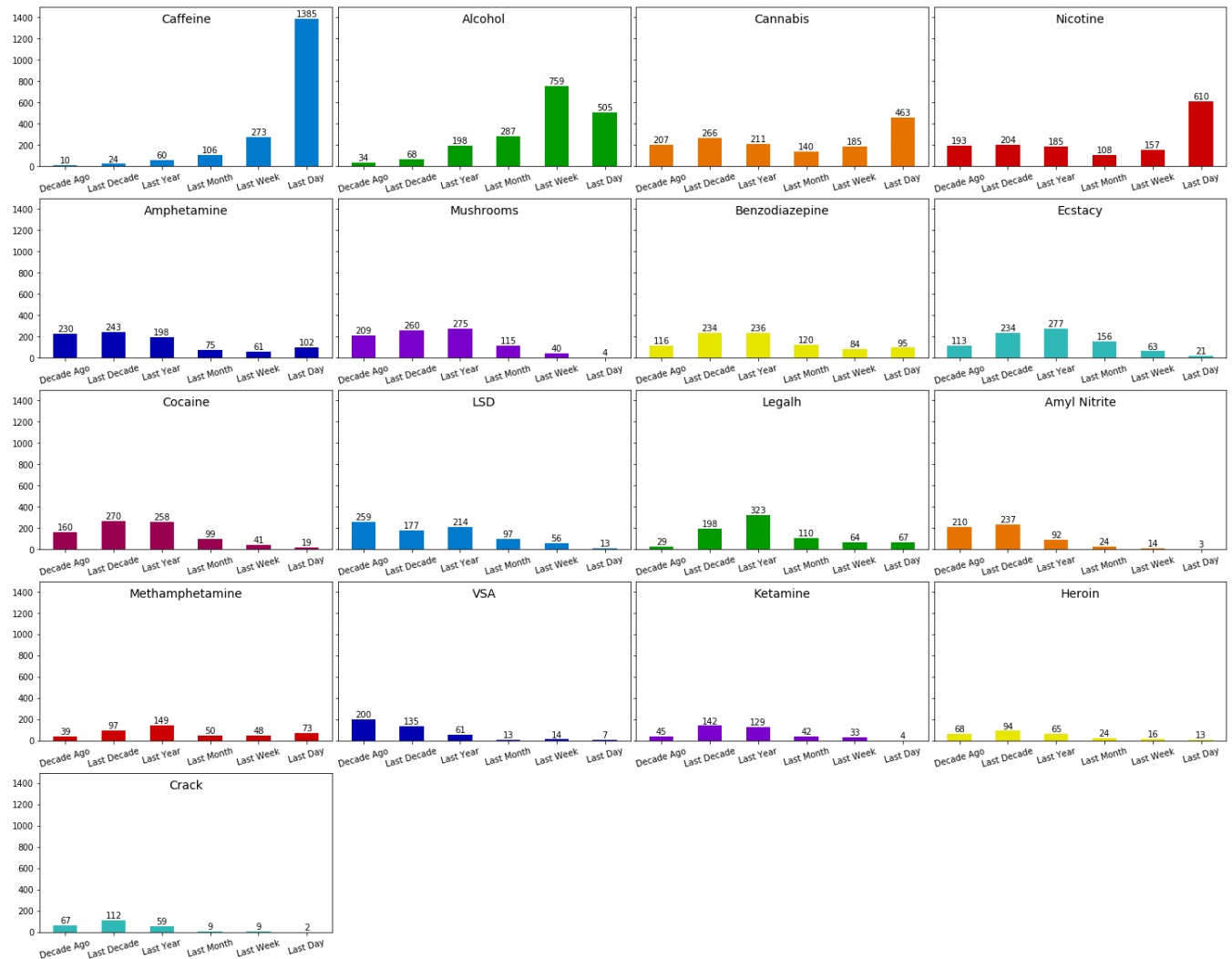## 4. Data Exploration

Figure 1: Heatmap of Correlation Matrix

Figure 2: Drug Usage

5. Data Modeling

Decision Tree Classifier

Random Forest Classifier

Feature Selection

Grid Search

Clustering

6. Results