

# IDS703 Final Project Report

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December 12th, 2021

## 1 Introduction

## 2 Methodology

### 2.1 Generative Model

### 2.2 Discriminative Model

- network description - hyperparameter tuning on synth data - application to real - transfer learning on real data
- compare to model that has ONLY been trained on real?

## 3 Results

### 3.1 Benchmarking on Synthetic Data

	precision	recall	f1-score	support
thanksgiving	0.503	0.515	0.509	2046
formula1	0.024	0.031	0.027	1512
covid	0.734	0.467	0.571	3162
championsleague	0.866	0.670	0.755	2509
crypto	0.596	0.691	0.640	1656
tesla	0.765	0.675	0.717	2329
holidays	0.094	0.238	0.134	786

### 3.2 Benchmarking on Real Data

## 4 Conclusion