

# Your Paper Title

Author 1, Author 2, Author 3, Author 4

October 30, 2024

## **Abstract**

This is the abstract. Summarize the purpose, methods, and main findings of the study.

## **1 Introduction**

Introduce the problem, background, and significance of the study.

## **2 Methodology**

Describe the datasets and outline each method applied:

### **2.1 Datasets**

Briefly describe Dataset 1 and Dataset 2.

### **2.2 K-Nearest Neighbors (KNN)**

Explain the KNN approach applied.

### **2.3 Support Vector Machine (SVM)**

Describe the SVM approach.

### **2.4 CGNN Reduction Technique**

Outline the CGNN reduction method used.

## **3 Results**

Present the findings for each technique and the statistical analysis:

### **3.1 KNN Results**

Discuss the outcomes for KNN.

### **3.2 SVM Results**

Describe the SVM results.

### **3.3 CGNN Reduction Results**

Present the CGNN findings.

### **3.4 Statistical Analysis**

Detail the statistical analysis performed across each fold.

## **4 Discussion**

Interpret the results, relate to previous work, and discuss implications.

[11pt]article  
amsmath