

# Exploratory Analysis of GHCN Data with Spark

David Ewing (82171165)

March 24, 2025

## Abstract

This report documents the analysis of GHCN climate data using Apache Spark in a Kubernetes-based cloud environment.

## 1 Introduction

Write your introduction here.

## 2 Methods

Describe your data processing and analysis steps.

## 3 Results

Summarise your key findings.

## 4 Discussion

Reflect on what the results mean, potential limitations, and next steps.