MAT5314 Graduate Project

Teng Li(7373086)
Shiya Gao()
Chuhan Yue(300376046)
Yang Lyu(8701121)

Introduction

1)

what causes earthquake

why it is difficult to predict

2)

how do others analyze this data? what are the methods so far

3)

why do we want to analyze this data (to draw some inference? to predict? to check model legitimacy?)

Method

visualization of data

time series analysis

location analysis (cluster analysis?)

In-depth exploration of the data using longitude/lattitude/magnitude

Result

Discussion

Conclusion