MY THESIS TITLE IN CAPITAL LETTERS

BY

MY NAME

(Admission No. XXXXXXX)

THESIS

SUBMITTED TO

DEPARTMENT OF APPLIED GEOPHYSICS

INDIAN INSTITUTE OF TECHNOLOGY

(INDIAN SCHOOL OF MINES), DHANBAD

For the award of the degree of

MASTER OF SCIENCE & TECHNOLOGY

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ACKNOWLEDGEMENT

I extend my sincere gratitude to Prof.AA, a distinguished Professor in the Department of BB at IIT(ISM) Dhanbad.

MIND THAT YOU NEED SOME CERTIFICATES BEFORE THE ACKNOLEGMENT. REFER PG MANUAL ON IIT ISM SITE FOR CERTIFICATES. THIS TEMPLATE IS AS PER REQUIREMNT OF YEAR 2023-2024 BATCH. PLEASE MAKE CHANGES FOR YOURSELF IF THINGS CHANGES LATER.

CONTENTS

List of Tables

List of Figures

Abstract

WRITE YOUR ABSTARCT HERE.

CHAPTER 1

Introduction

This is introduction chapter. You should put citations like this (Zhang, 2011).

If you need points in it-

1. Random Forest (RF)
2. Gradient Boosting
3. Convolutional neural network (CNN)
4. Long Short-term Memory (LSTM)

CHAPTER 2

Data

The speed of light is approximately 299,792,458 meters per second, making it the fastest known phenomenon in the universe.

Getting figure here-

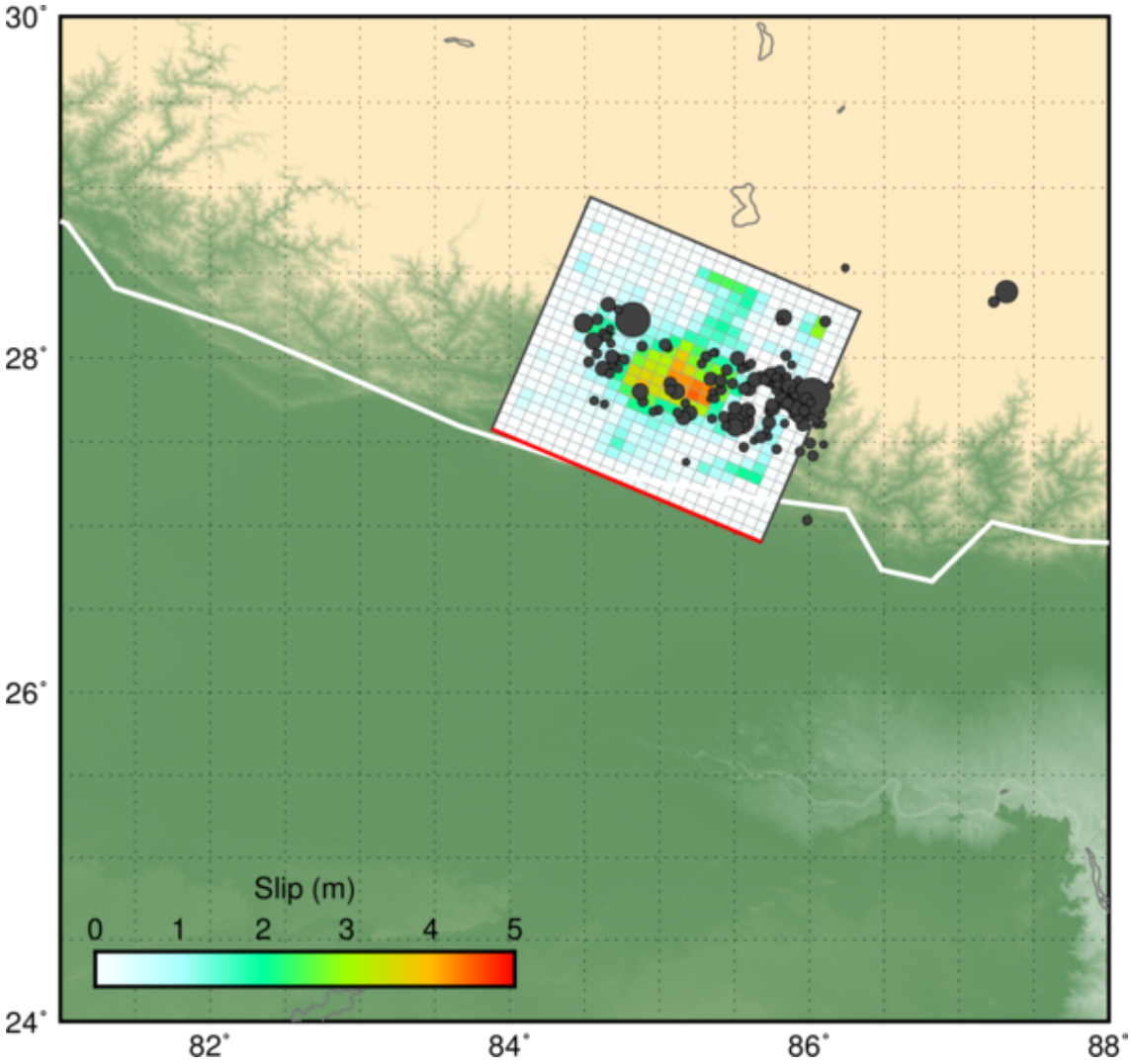


Figure 1: caption your map

CHAPTER 3

Method

Total internal reflection is a phenomenon in optics where light, when traveling from a denser medium to a less dense medium at an angle greater than the critical angle, reflects back into the denser medium rather than refracting out.

My subsection

This principle is the basis for optical fibers used in telecommunications.

CHAPTER 4

YOUR CHAPTER TITLES GOES HERE

Statistical Analysis

YOUR EQUATIONS GOES GOOD

The error between predicted and actual pore pressure has been calculated as R^2 coefficient. The Coefficient of Determination R^2, indicates the goodness of fit of the regression line to the actual data points.

R^2 ranges from 0 to 1, where:

1. Sum of Squares Total (SST):

$$SST = \sum_{i=1}^{n} (y_i - \bar{y})^2$$

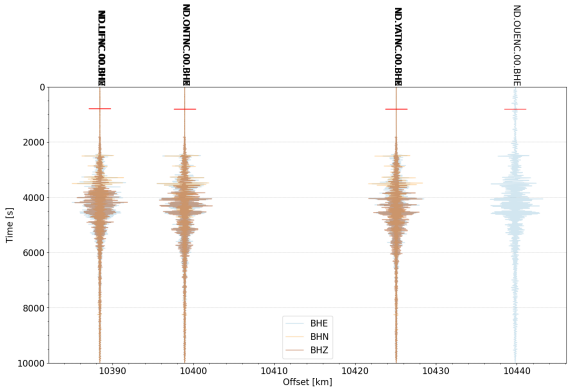
2. Sum of Squares Regression (SSR):

$$SSR = \sum_{i=1}^{n} (\hat{y}_i - \bar{y})^2$$

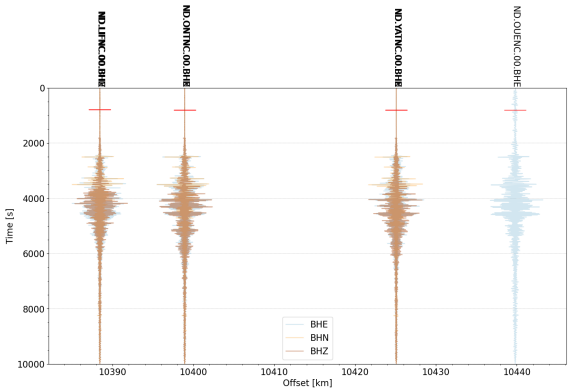
CHAPTER 5

Summary and Conclusions

I WANT SUBPLOTS IN MY FIGURE.



(a) ONE



(b) TWO

Figure 2: CAPTIONS

Conclusions

As we wrap up this discussion, I hope this template helps you save your time doing formatting.

References

Zhang, J. (2011). Pore pressure prediction from well logs: Methods, modifications, and new approaches. *Earth-science Reviews - EARTH-SCI REV*, 108:50–63.