





Alex Diata



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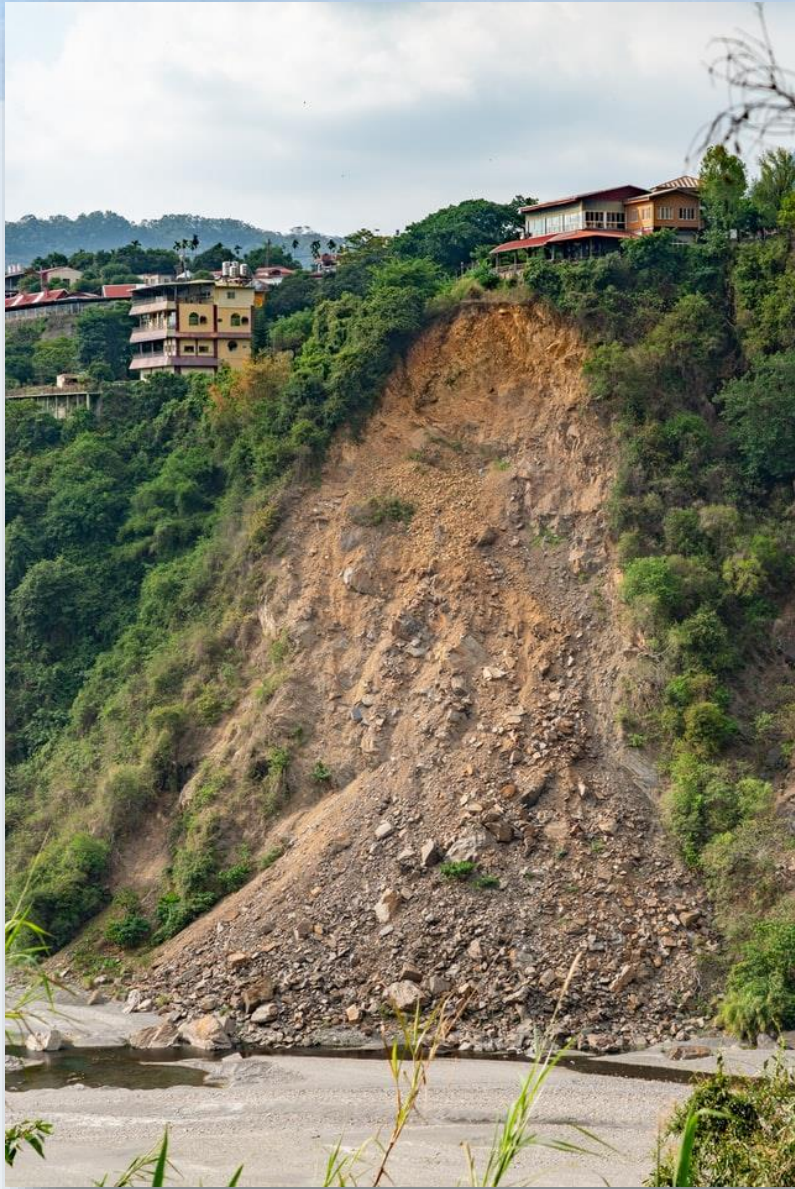
A stylized landscape illustration featuring rolling green hills in the foreground and background. On the left, there is a green tree, a purple flower, and some orange foliage. A small red bird is flying in the sky above the tree. The sky is composed of horizontal bands of light blue and white. The overall style is flat and modern.

Landslide Risk Reduction Framework:

Exploratory Data Analysis on Landslide Risk in the
Philippines

Group 5 – Earth Bender

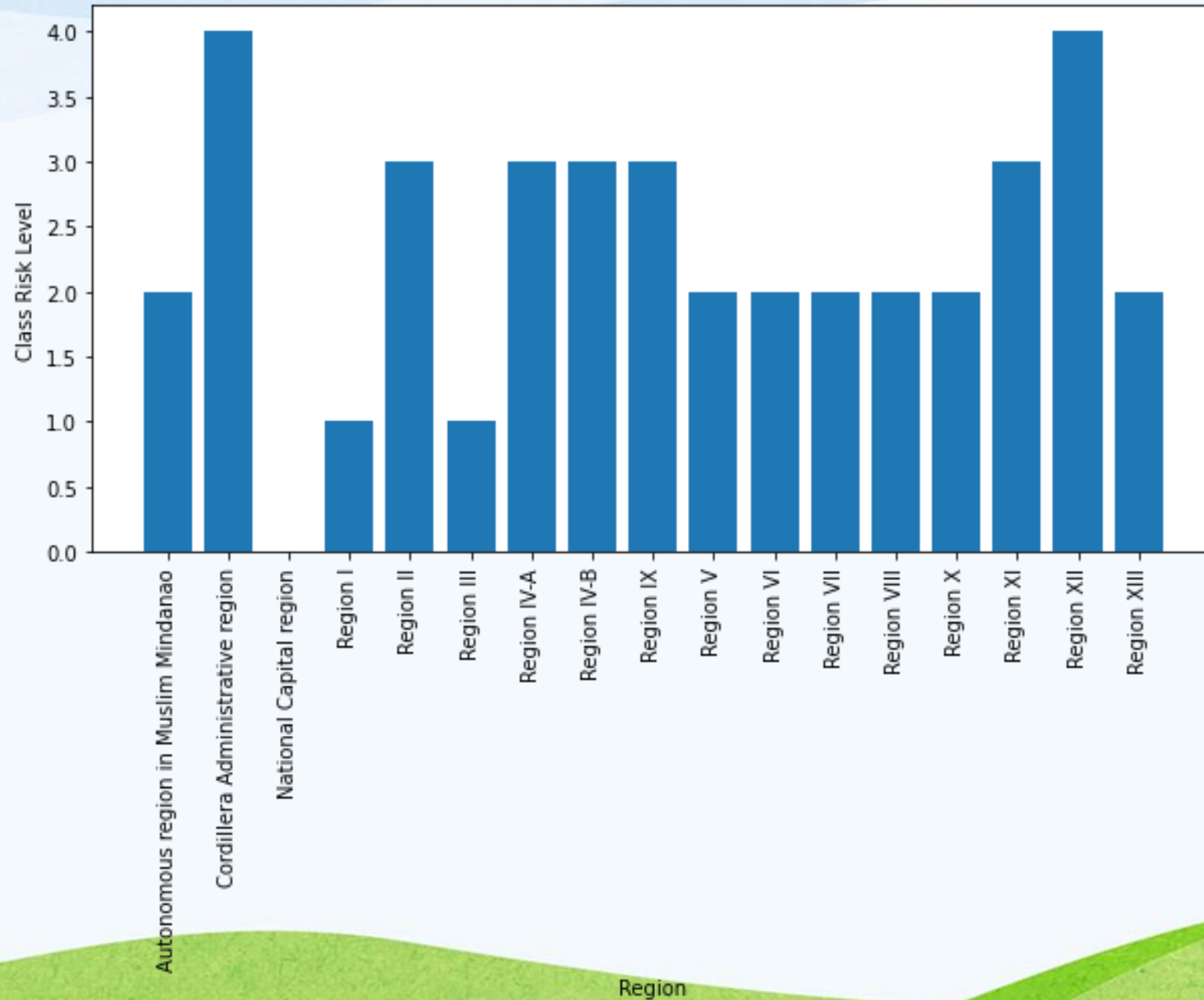




Landslide

A stylized map of the Philippines is shown against a background of white and light blue wavy lines at the top and green hills at the bottom. The map is divided into three color-coded regions: blue for Luzon, yellow for the Visayas, and red for Mindanao. A large, red, rectangular stamp with a distressed, ink-like texture is placed diagonally across the map. The stamp contains a large red checkmark on the left and the words "HIGH RISK" in bold, red, uppercase letters on the right. The stamp overlaps the yellow and red regions of the map.**✓ HIGH RISK**

Landslide Risk Class





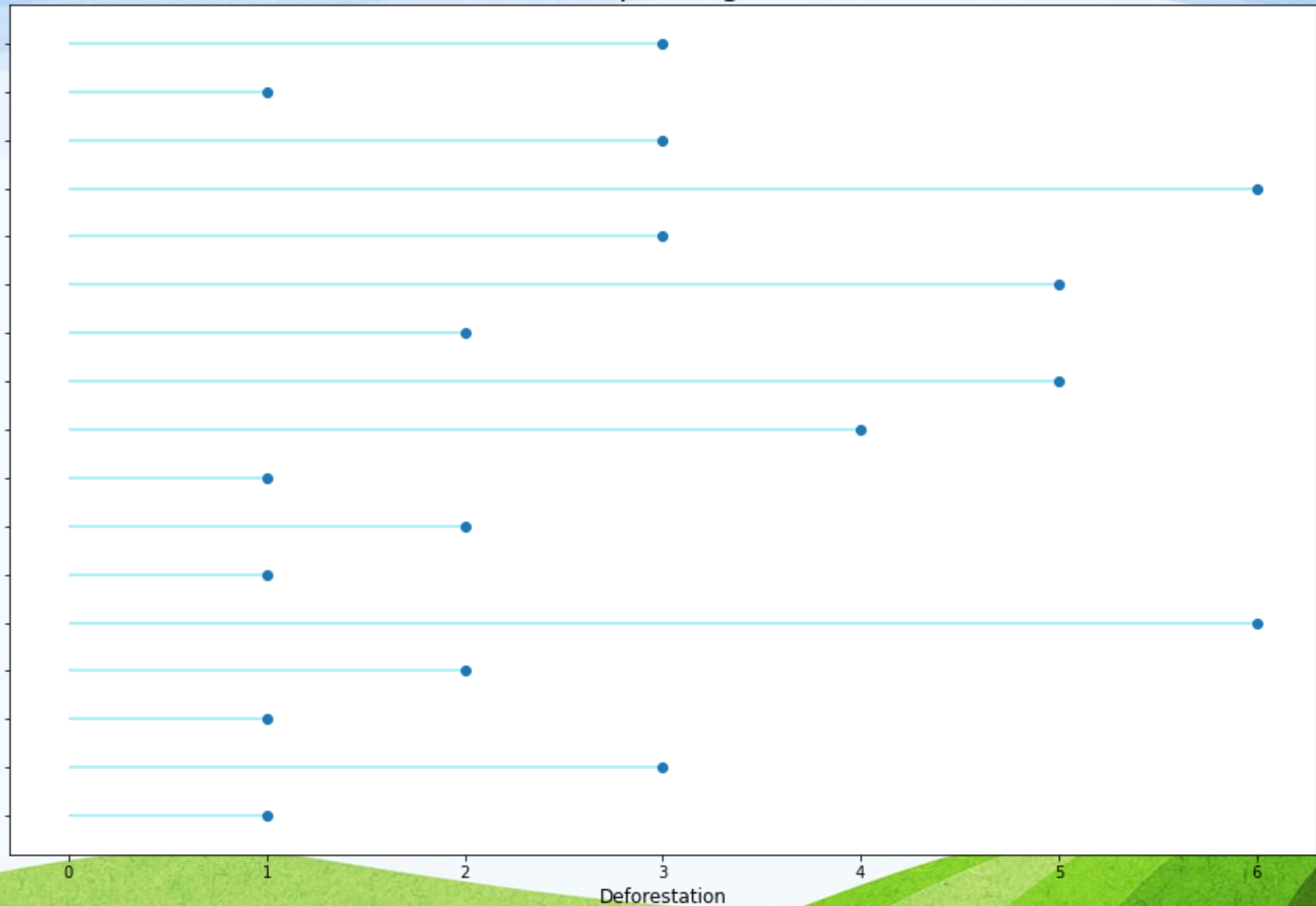
Deforestation

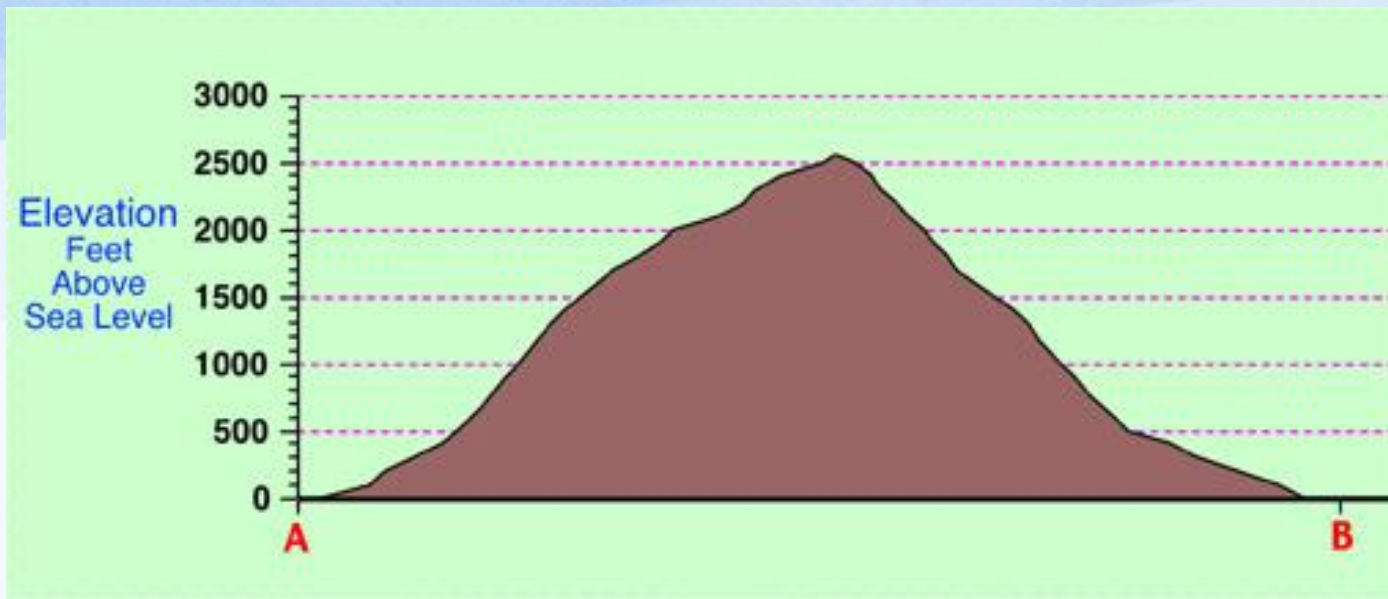


Deforestation % per Region 2010-2018

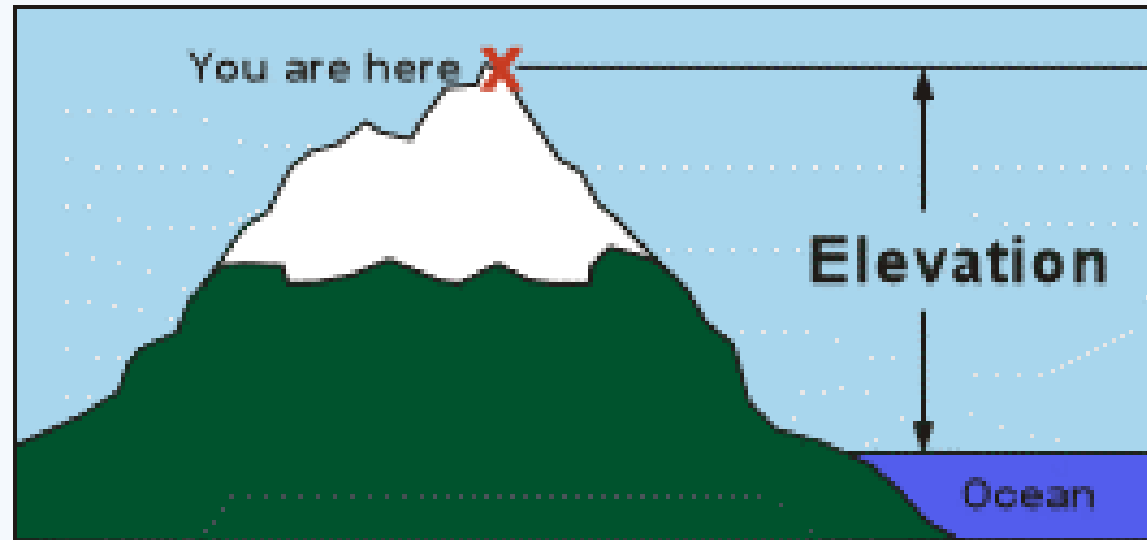
Region

Autonomous region in Muslim Mindanao
National Capital region
Cordillera Administrative region
Region XIII
Region XII
Region XI
Region X
Region IX
Region VIII
Region VII
Region VI
Region V
Region IV-B
Region IV-A
Region III
Region II
Region I



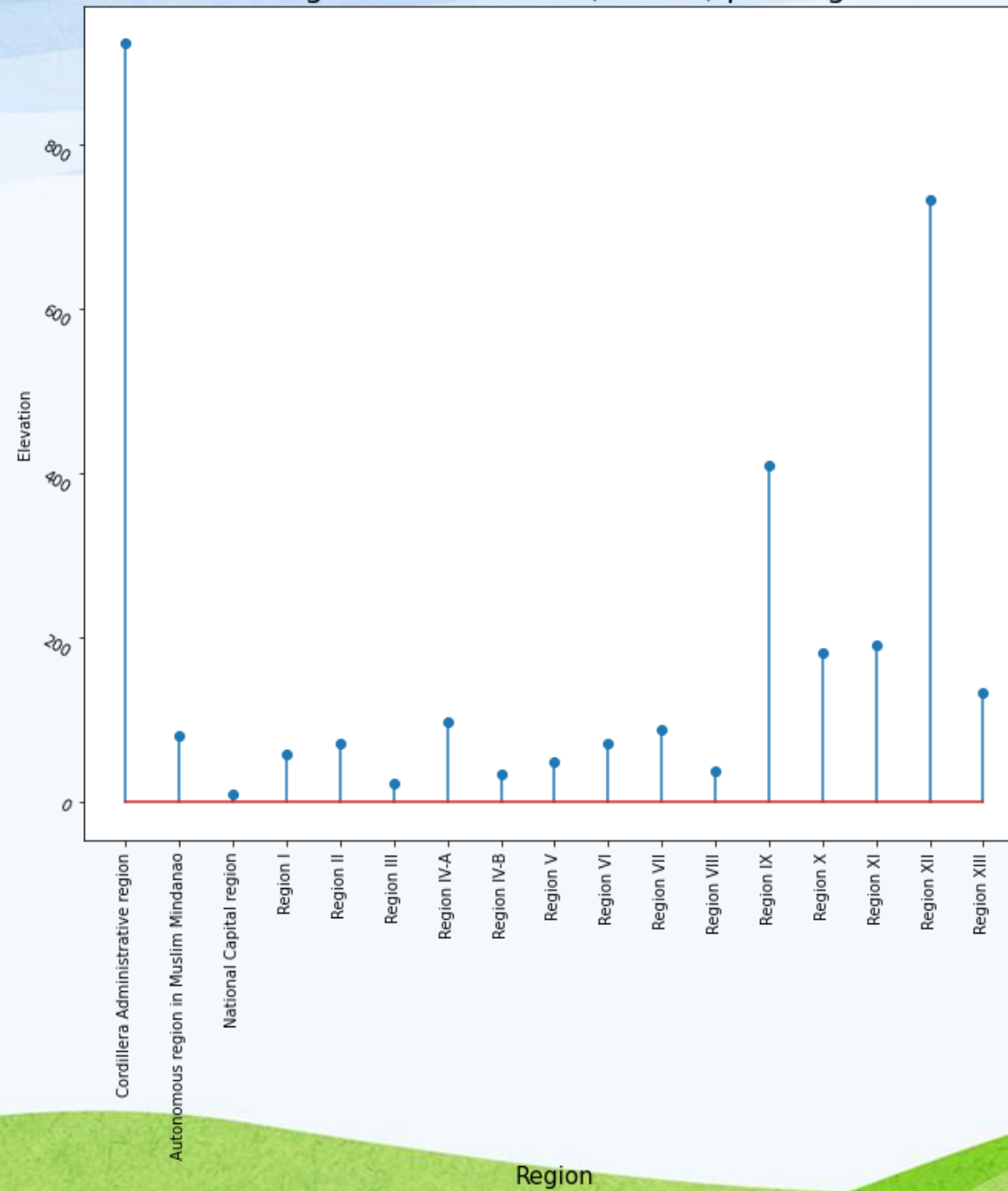


Elevation



Your elevation is the distance from sea level to you!

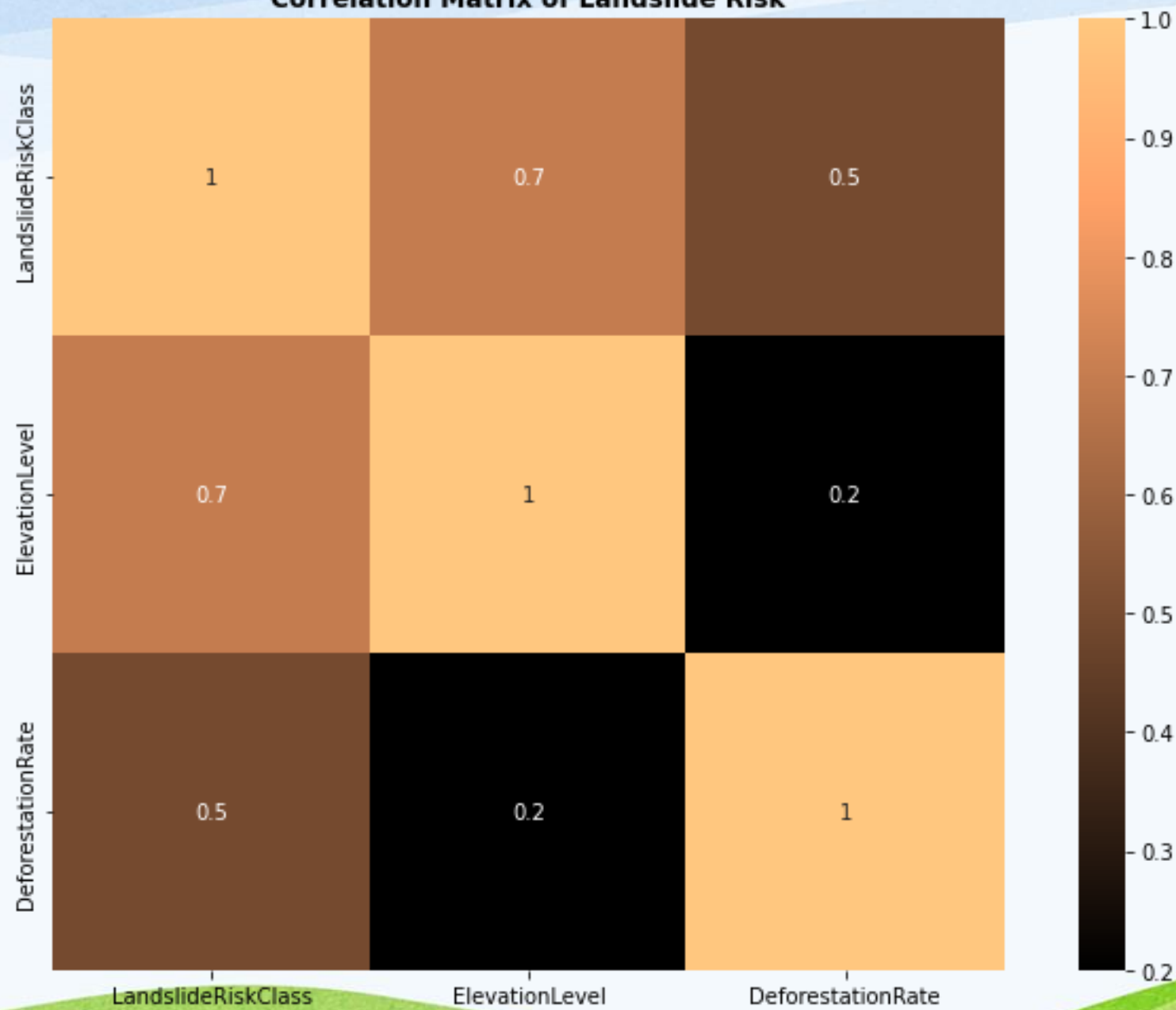
Average Elevation Level(Meters) per Region





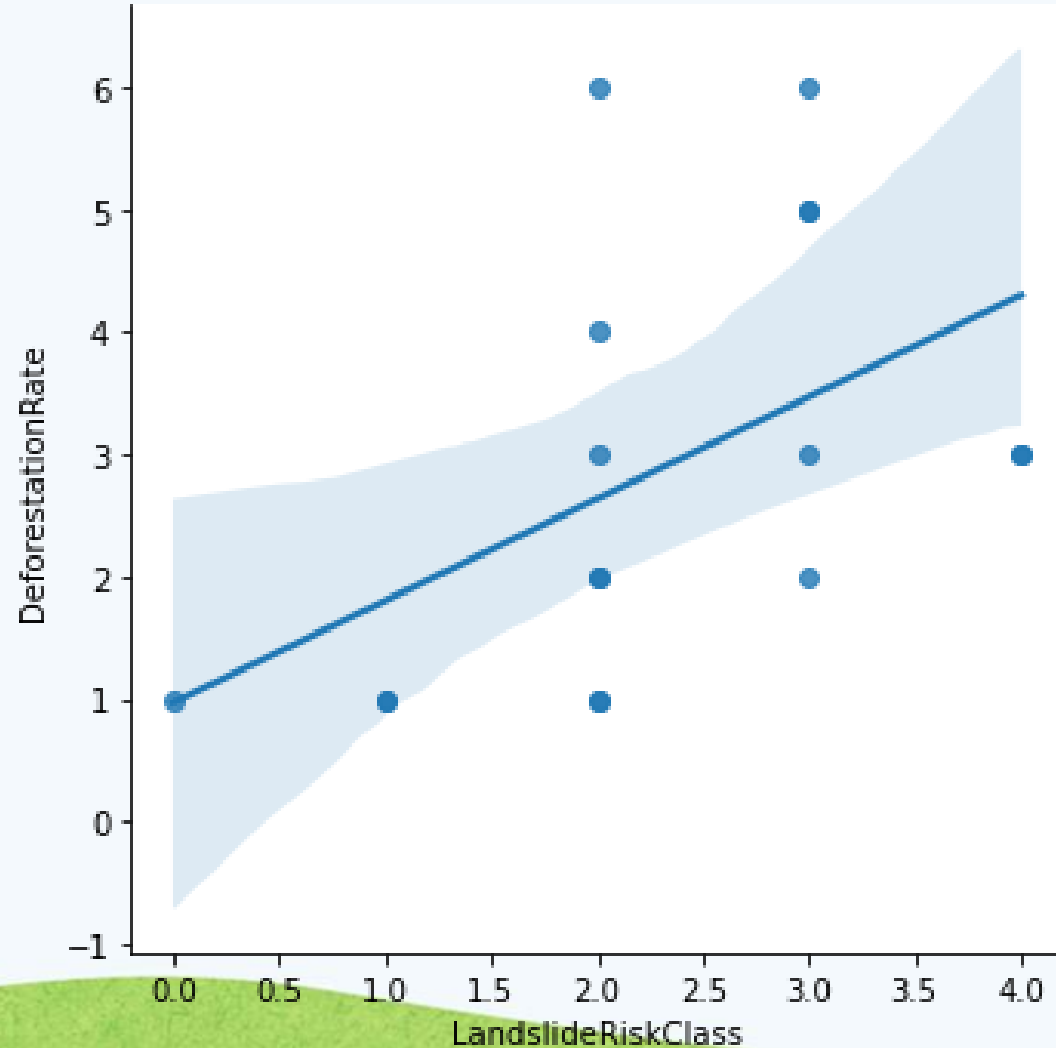
Pearson's Correlation Coefficient

Correlation Matrix of Landslide Risk



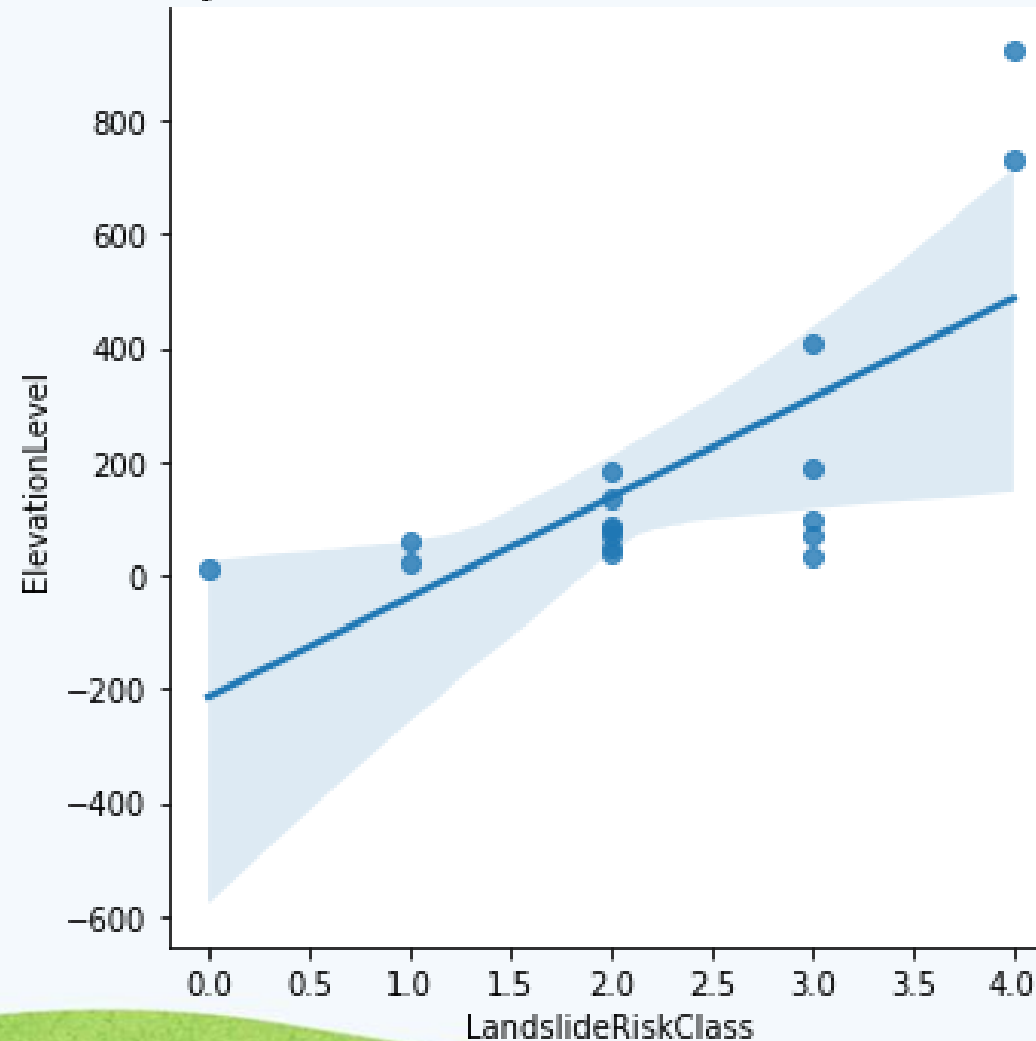
Landslide and Deforestation

Relationship between Landslide Risk Class and Deforestation Rate



Landslide and Deforestation

Relationship between Landslide Risk Class and Elevation Level





Landslide Risk Reduction Framework

Landslide and Deforestation



13 CLIMATE
ACTION



**Take urgent action
to combat
climate change
and its impacts**

15 LIFE ON LAND



TARGET

11.5



REDUCE THE ADVERSE
EFFECTS OF NATURAL
DISASTERS

