Project Idea: "A Machine Learning Approach to Understanding Human Evolution"

This project aims to utilize machine learning to analyze and visualize the evolutionary pathways of humans. By integrating various data sources — genetic, environmental, archaeological, and anthropological — the project seeks to develop models that identify key factors influencing human evolution over time.

Project Description

1. Objective:

To understand the various evolutionary pathways of humans by applying machine learning techniques to analyze different datasets.

2. Scope:

Use machine learning to identify patterns in genetic data, demographic changes, environmental factors, and archaeological findings.

Visualize the evolutionary pathways and major milestones in human evolution.

Project Idea: "Evolutionary Pathways - A Machine Learning Approach to Understanding Human Evolution"

This project aims to utilize machine learning to analyze and visualize the evolutionary pathways of humans. By integrating various data sources — genetic, environmental, archaeological, and anthropological — the project seeks to develop models that identify key factors influencing human evolution over time.

Model used:

Decision Trees, Random Forests, Support Vector Machines

Data and Content Usage:

1. Genetic Data Sources:

2. Archaeological Data:

3. Environmental Data:

4. Literature Reviews:

5. Open Datasets: