

Projects of Artificial Intelligence Training

CREDO SYSTEMZ LIVE ARTIFICIAL INTELLIGENCE PROJECTS ARE PLANNED BASED ON THE INDUSTRY-RELATED PROBLEMS AND SIMULATE THE WORKING EXPERIENCE OF AI FIELDS.

Project 1: PyTorch

PyTorch stands an open-source machine learning library for a python based on Torch. This tool is used for machine learning applications, such as natural language processing.

Highlights of the Project

- It has two high-level features: Tensor computation, i.e., NumPy with strong GPU acceleration, and deep neural networks which are built on a tape-based auto diff system
- PyTorch uses automatic differentiation technique.
- The hybrid front-end of this tool provides flexibility and speed
- The details description of this tool is here- [PyTorch](#)



Project 2: A Machine Learning Gladiator

It is very much informal machine learning and an Artificial intelligence project idea if you are a beginner. This project will benefit you to increase your knowledge about the workflow of model building. By evolving this project, you can exercise on how to import data, how to clean data, pre-processing and transformation, cross-validation, and feature engineering.



Highlighting of this project

- You must have to knowledge about regression, classification, and clustering algorithms.
- You canister find the dataset from the UCI Machine Learning Repository or kaggle.
- You canister develop this project using both languages, i.e., python and R.
- By evolving this project, you will learn about the prototyping models quickly.

Project 3: TensorFlow

Ensure you need to improve your machine learning skills? To improve your knowledge, you may practice with this versatile artificial intelligence and machine learning software and framework. TensorFlow is one of the best and general machines learning open source projects. Essentially, It is a part of the Google Brain team in Google's Machine Intelligence Research organization.

Highlights of the Project

- This is an open-source software library.
- It is used for numerical computation using data flow graphs.
- Fast and flexible for an extensive range of applications.
- It has an easy to use python interface.
- Additionally, it includes APIs for Java.



Project 4: Keras

Keras is unique to the best open-source machine learning projects. This tool has some protuberant features like easy extensible, user-friendliness and also you can work in python.

Highlights of the Project

- This is high-level neural networks API which is written in python.
- This open-source instrument permits easy and fast prototyping with its prominent features.
- This tool is compatible with: Python 2.7-3.6.
- This platform supports both convolution networks and recurrent networks, moreover the combinations of these two networks.

