

Project Synopsis:

Data Scientist Job Change Analysis Using Python

1. Title

Data Scientist Job Change Analysis

2. Introduction

Employee retention is an important factor which measures the growth and success of the Company. This project aims to analyse a dataset of a company to identify key factors which are responsible for data scientist employee finding new jobs or working for the same company after a training program. By making use of various data analysis techniques, we can draw meaningful insights that could assist recruiters in maintaining employees and improve their decision making process.

3. Objectives

The primary objectives of this project are:

- To explore and understand the job change dataset.
- To perform data preprocessing to handle missing or incorrect values and to make the dataset ready for analysis.
- To analyse and visualise the dataset using its various factors to find meaningful insights related to the dataset.
- To build a machine learning model that can classify whether or not an employee is to change jobs based on the provided reasons and situations.