# Exploratory Data Analysis (EDA)

## Overview

This folder contains resources and projects focused on exploratory data analysis, including techniques for summarizing and visualizing data to uncover insights.

## Content

- \*\*eda\_example.ipynb\*\*: Notebook with EDA examples and techniques.

- \*\*eda\_project.py\*\*: Python script for a sample EDA project with a dataset.

## Purpose

To practice and understand exploratory data analysis methods for gaining insights from data before applying advanced modeling techniques.

## References

- [EDA Techniques](https://towardsdatascience.com/exploratory-data-analysis-eda-techniques-for-machine-learning-2da5e0d95c93)

- \*\*Book\*\*: Data Science for Business by Foster Provost and Tom Fawcett

## Usage

Use the `.ipynb` notebook to interactively explore data and the `.py` script for standalone analysis. Apply techniques to different datasets.