Agenda

Self-Introduction

Data Challenge and Method

Tools Used

Tableau Dashboard

Self-Introduction

My background

Why I applied to DS4A
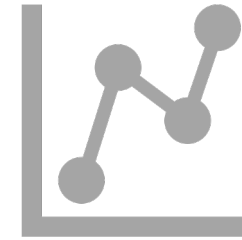
Data Challenge

Business Problem:

Identify trends and anomalies in **Credit Card Fraud** instances

Recommend solutions and actions

Method

Dataset – 10% random sample of original dataset and all Fraud cases

Utilized Statistics to identify anomalies with quantitative columns

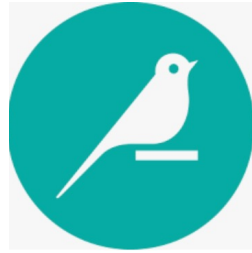Identified **trends with fraud vs non-fraud** for qualitative columns

Tools Used

Jupyter Notebooks:

Initial **Exploratory Data Analysis** to understand dataset

Convert parquet to csv

Dataiku:

Data prep and **data cleaning**

Building statistics charts to identify anomalies and patterns

Convert csv to Excel

Tableau Public:

Used to create **dashboards** and display insights

Now let's view the Dashboard!