

## Part 1 – Excel Data Cleansing & Manipulation (UiPath)

- Input file: Employees\_Raw.xlsx (provided).
- It contains duplicate rows, inconsistent date formats, missing values, mixed phone formats, and extra spaces in names.
- Tasks:
  - Remove duplicate rows.
  - Standardize dates into YYYY-MM-DD format.
  - Format phone numbers into +20XXXXXXXXXX.
  - Trim spaces in names.
  - Save as Employees\_Cleaned.xlsx.

## Part 2 – Mails Consolidation (UiPath)

- Using the cleaned Excel file, split emails to two groups:
  - Internal employees (@corp.com)
  - External clients (any domain other than @corp.com)
- Create a new Excel file and Add the data rows of the internal employees to the first sheet and the data of external clients to the second sheet.
- Save it as Employees\_Splitted.xlsx.

## Part 3 – Web Automation (UiPath)

- Website: <https://finance.yahoo.com/most-active>
- Tasks:
  - Extract the Stock Symbol, Name, Price, Change, % Change, and Volume from the Most Active Stocks table.
- Save the extracted data as MostActiveStocks.xlsx.

## Part 4 – Python Coding Challenge

- Read Employees\_Cleaned.xlsx.
- Perform the following analysis:
  - Count the number of unique companies.
  - Find the top 5 most common email domains.
  - Count the number of employees per company
- Save the results into Summary\_Report.csv.

## Part 5 – Submission & Documentation

- Upload the entire project to a GitHub repository.
- Include in your repo:
  - UiPath Project as Zip file.
  - Python script.
  - Input + Output Excel/CSV files.
  - README.md with instructions, assumptions, and time taken.

## Evaluation Criteria

- UiPath workflows correctness (cleaning, consolidation, web scraping).
- Error handling & clean workflow design.
- Python coding quality , clarity & documentation.