

Task 1:

Parse the given list and provide in a format expected as output. Input and Output data can be downloaded from the link provided below.

1. Perform validations on date and amount columns
2. Identify Phone numbers and email id in the list
3. Find max amount and min amount in the output
4. Identify Deposits transaction list and withdrawals transaction list separately and all withdrawals should have negative indication.

Output:

1. Share the output code and result excel as zip document

Task 2:

Process the provided data to arrive at an analysis based on rule sets provided. Input data is provided in the form of Excel with 3 sheets.

Sheet 1: Conflicting Roles

This sheet represents the rule set, where if any user with the 'Base Role' had any access to the 'Conflicting Role' then such user is said to have an 'Unauthorized Access'

Sheet 2: Access Listing validation

This sheet consists of the user list with their department and access roles.

Sheet 3: Invoices

This sheet consists of Invoices posted by various users from sheet 2.

1. Filter Invoices in Sheet 3 if User is not found in Sheet 2.
2. Compute if user has Unauthorised access using the rule set in sheet 1 and user access details in sheet 2.
3. Compute and filter all invoices posted by unauthorised users in sheet 3
4. Against the Unauthorised access – specify Conflicting rule id (If more than one rule is violated, specify a comma separated rule id)

Output:

List of invoices with new columns “Authorised Yes/No”, “Conflicting rules”, “Department” to be provided in the form of Excel.

All required input files are provided as the zip file.

In case of any clarifications kindly contact naresh@prudent.ai.