# Question: 01

PAC Chart

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| Given Data | Required Results | Processing Required | Solution Alternatives |
| Origin country | Alert the bank when the transaction occurs in a foreign country | Checking if Origin country is same as country where the transaction is taking place | Ceasing the bank account when any such fraudulent activity is noted |
| Country where the transaction is taking place |
| Fixed daily limit | Alert the bank when the amount withdrawn exceeds the fixed daily limit | Sum < fixed daily limit | Alerting the concerned authorities |
| Amount withdrawn and its sum |
| Number of transactions | Alert the bank when the number of transactions exceed 3 | Number of transactions < 3 | Sending alert to the customer’s contact information |

# IPO Chart

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| --- | --- | --- |
| Input | Processing | Output |
| Origin country | Comparing the origin country and the country where the transaction is taking place | Alert the bank when the transaction occurs in a foreign country |
| Country where the transaction is taking place |
| Fixed daily limit | Comparing sum and fixed daily amount | Alert the bank when the amount withdrawn exceeds the fixed daily limit |
| Amount withdrawn and its sum |
| Number of transactions | Comparing number of transactions to 3 | Alert the bank when the number of transactions exceed 3 |





