**Project Design Phase-I**

**Solution Architecture**

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| Date | 19 September 2022 |
| Team ID | PNT2022TMID41194 |
| Project Name | Project - Web Phishing Detection |
| Maximum Marks | 4 Marks |

**Solution Architecture:**

* An Amazon Simple Storage Service (Amazon S3) bucket containing an example dataset of credit card transactions.
* An Amazon SageMaker notebook instance with different ML models that will be trained on the dataset.
* An AWS Lambda function that processes transactions from the example dataset and invokes the two Amazon SageMaker endpoints that assign anomaly scores and classification scores to incoming data points.
* An Amazon API Gateway REST API invokes predictions using signed HTTP requests.
* An Amazon Kinesis Data Firehose delivery stream loads the processed transactions into another Amazon S3 bucket for storage

**Example - Solution Architecture Diagram:**



