# JotForm Lambda Docs

## Overview:

These docs will be used as a reference to our JotForm Lambda function. The flow starts in JotForm.

Flow:

JotForm -> Lambda -> S3 -> Glue -> Athena -> QuickSight

The idea is each JotForm has a webhook that attaches to an endpoint URL that is made from API Gateway and lambda interacting. From there the lambda function determines if it is a new JotForm or a JotForm that already exists in S3. From there depending on if it is new or exists, it either utilizes the webhook payload(if exists), or API(if it is a new form). Below there will be a detailed section that talks about the different python files involved, and the functions within those files.

## webhook\_integration.py:

## api\_integration.py:

(Necessary Libs: JSON, Requests, Boto3)

### submission\_grab(api\_key, form\_id):

* This function is used to go through and grab all of the submissions for a JotForm, and turn all of the submissions into formatted Json objects.

## s3\_methods.py

## lambda\_function.py: