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Big Data Programming
Final Project Part 2: Instructions for AWS Website

Used:

NodeJS
Cloudfront
S3
IAM Credentials

How:

1. Created a S3 Bucket
   a. Uploaded a index.html file to S3 Bucket that contains website code.
2. Using CloudFront to distribute it:
   a. Created a distribution
   b. Set Default Root Object as "index.html"
   c. This step created a domain name
   d. This domain name is the URL Location
3. Created IAM Credentials
   a. Created IAM Profile
   b. Created Lambda as a role using "AWSLambdaExecute"
   c. Used the following code for "trust relationships"

```json
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Effect": "Allow",
      "Principal": {
        "Service": [
            "lambda.amazonaws.com",
            "edgelambda.amazonaws.com"
        ]
      },
      "Action": "sts:AssumeRole"
    }
  ]
}
```
   d.
4. Created Authentication Layer using AWS Lambda
5. Used CloudFront to create Triggers