Analytics simples e eficiente na AWS

Sobre mim e a minha relação com o código

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sobre analyticsComunidade

experiência em analytics Startups

experiência em analytics SaaS

desafios dentro de uma startup Time

desafios dentro de uma startup Tempo

desafios dentro de uma startup Complexidade

desafios no backend Custos

desafios no backend Banco de dados

desafios no backend

Carga de requisição

desafios no backend Sumarização/ETL

desafios no frontend Limite de payload

desafios no frontend

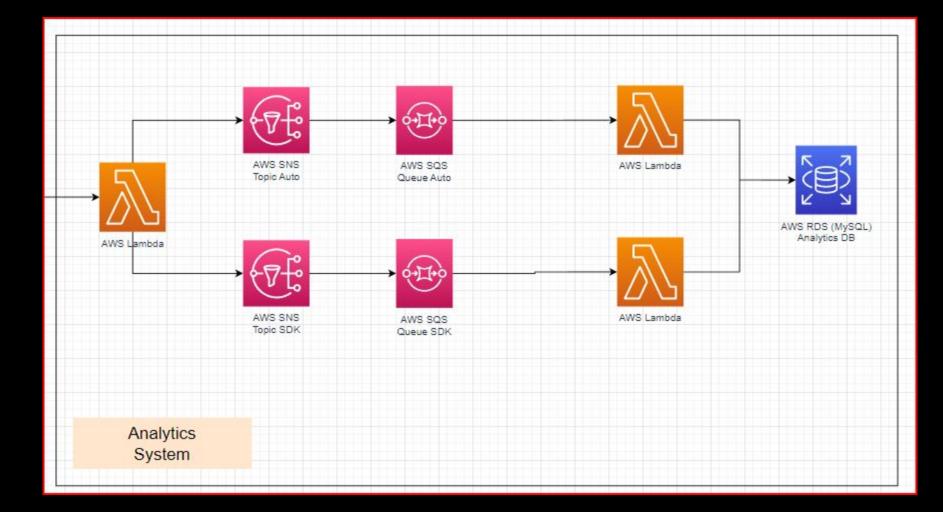
Visualização

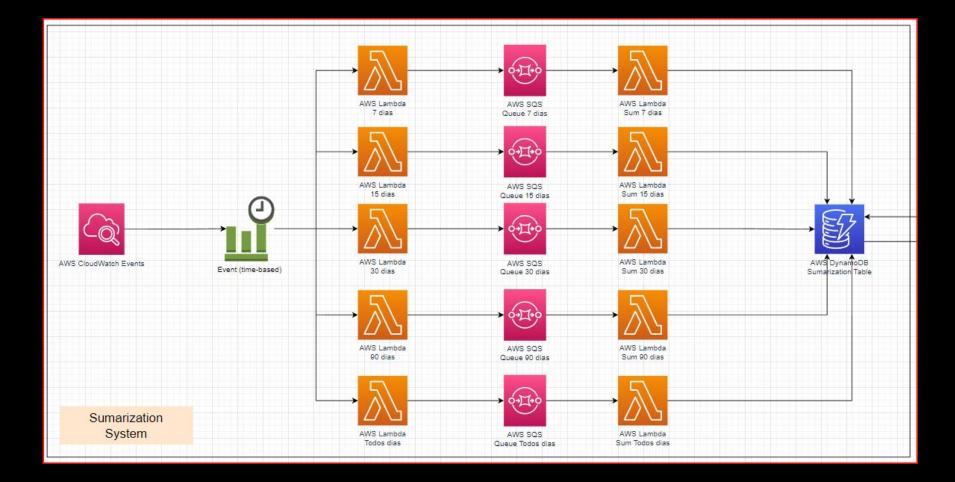
desafios no frontend Amazon QuickSight

Exemplos1

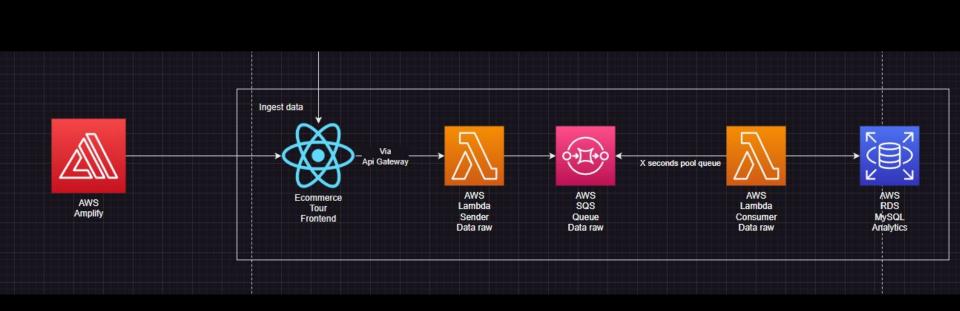


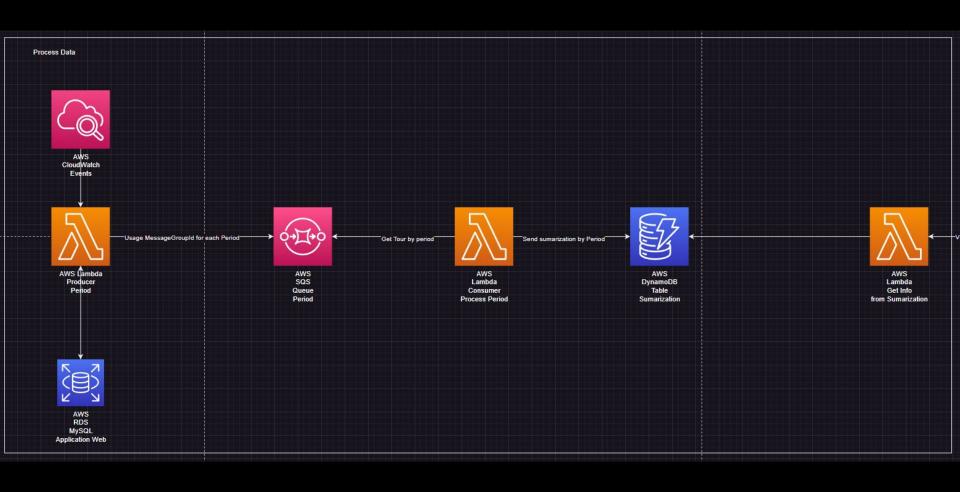
Exemplos2





Exemplos3





template codigos

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~	STC
	consumers
	TS analyticsQueueConsumer.ts
	TS sumarizationByPageConsumer.ts
	⁄ cronjobs
	TS businessCronjob.ts
	/ dtos
	TS analytics.request.dto.ts
	TS business.response.dto.ts
	/ producers
	TS analyticsQueueProducer.ts
	/ services
	TS dynamodb.service.ts
	TS mysql.service.ts
	√ triggers
	TS sumarizationBusinessTrigger.ts
	vutils
	TS datetime.util.ts
	TS formatToGraphic.util.ts
	TS queries.util.ts
	TS response.util.ts
\$.env.stage
	.gitignore
{}	package.json
!	serverless.yml

```
serverless.yml X
     frameworkVersion: "3"
     app: demo
     service: analytics-${self:app}
     useDotenv: true
     provider:
       name: aws
       runtime: nodejs16.x
       region: us-east-1
       iam:
         role:
           statements:
             - Effect: Allow
               Action:
                 - "sqs:*"
                 - "dynamodb:*"
               Resource: "*"
       httpApi:
         cors: true
     plugins:
       - serverless-plugin-typescript
       # - serverless-doteny-plugin
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```

```
resources:
  Resources:
    # INGEST DATA
    AnalyticsQueueDemoDLQ: # https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-sgs-queue.html ...
    AnalyticsQueueDemo: # https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-sqs-queue.html ...
    AnalyticsDemoDB: # https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-rds-dbinstance.html ...
    # SUMARIZATION DATA
    SumarizationQueueDemoDLQ: # https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-sqs-queue.html ...
    SumarizationQueueDemo: # https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-sqs-queue.html ...
    AnalyticsSumarizationTable: # https://docs.aws.amazon.com/AWSCloudFormation/latest/UserGuide/aws-resource-dynamodb-table.html...
functions:
  # INGEST DATA
 producer-analytics-demo-queue: ...
  consumer-analytics-demo-queue: ...
 # SUMARIZATION DATA
 business-cron-job-demo: ...
  sumarization-business-trigger-demo: ...
```

package:

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individually: true

consumer-sumarization-by-page: ...

Obrigado!

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