COFFE SHOP

CHAIN

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The Bros Coffee Shop

The Bros Coffee Shop is a chain of coffee shops located in New York City. It currently operates 3 coffee shops and employs 25 people.
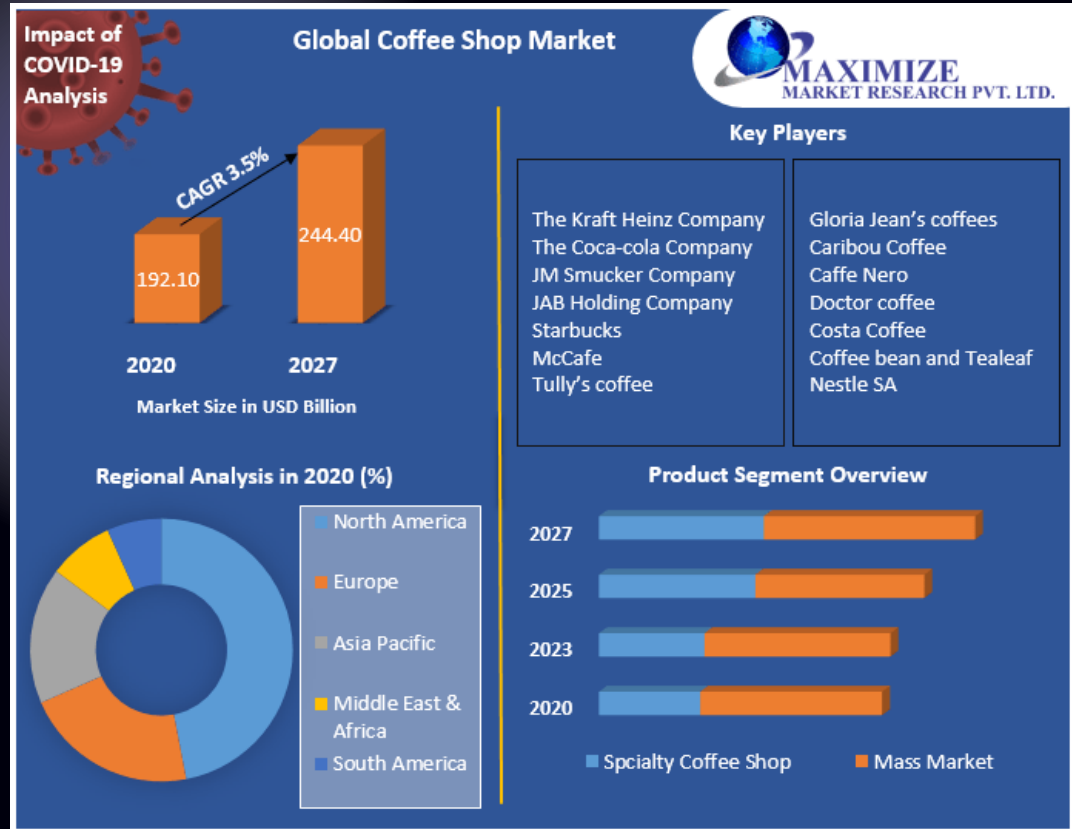
Coffee Market

Global Coffee Shop Market size was valued at US$ 192 Bn.

Coffee is the highest traded agricultural commodity across the globe.

In the US with a total number of coffee shops accounted 37,189 in 2020.

Coffee is the most preferable drink in the US and has the highest consumption after carbonates and bottled water

Impact of COVID-19 Analysis

Global Coffee Shop Market

MAXIMIZE MARKET RESEARCH PVT. LTD.

CAGR 3.5%

192.10 — 2020
244.40 — 2027

Market Size in USD Billion

Key Players

The Kraft Heinz Company
The Coca-cola Company
JM Smucker Company
JAB Holding Company
Starbucks
McCafe
Tully's coffee

Gloria Jean's coffees
Caribou Coffee
Caffe Nero
Doctor coffee
Costa Coffee
Coffee bean and Tealeaf
Nestle SA

Regional Analysis in 2020 (%)

- North America
- Europe
- Asia Pacific
- Middle East & Africa
- South America

Product Segment Overview

2027
2025
2023
2020

- Spcialty Coffee Shop
- Mass Market

User Stories

GENERAL MANAGER

I don't know the sales of the stores

MARKETING MANAGER

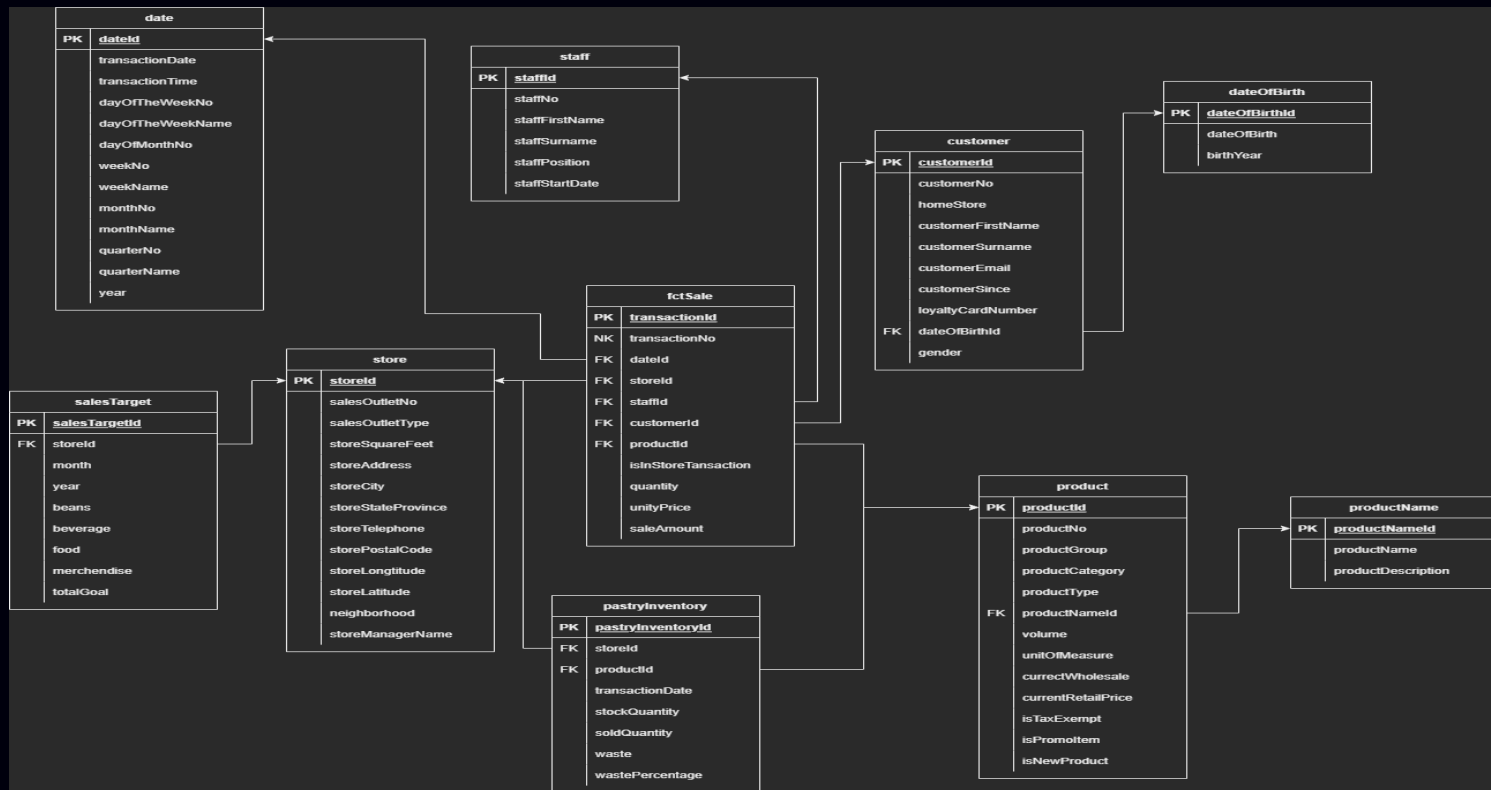I don't know the demographic data of our customers

SUPPLY CHAIN MANAGER

I don't know which products are wasted the most

HR MANAGER

I don't know which employees are the best sellers and which are underperforming

Database schema

date

PK	dateId
	transactionDate
	transactionTime
	dayOfTheWeekNo
	dayOfTheWeekName
	dayOfMonthNo
	weekNo
	weekName
	monthNo
	monthName
	quarterNo
	quarterName
	year

staff

PK	staffId
	staffNo
	staffFirstName
	staffSurname
	staffPosition
	staffStartDate

dateOfBirth

PK	dateOfBirthId
	dateOfBirth
	birthYear

customer

PK	customerId
	customerNo
	homeStore
	customerFirstName
	customerSurname
	customerEmail
	customerSince
	loyaltyCardNumber
FK	dateOfBirthId
	gender

fctSale

PK	transactionId
NK	transactionNo
FK	dateId
FK	storeId
FK	staffId
FK	customerId
FK	productId
	isInStoreTransaction
	quantity
	unityPrice
	saleAmount

store

PK	storeId
	salesOutletNo
	salesOutletType
	storeSquareFeet
	storeAddress
	storeCity
	storeStateProvince
	storeTelephone
	storePostalCode
	storeLongitude
	storeLatitude
	neighborhood
	storeManagerName

salesTarget

PK	salesTargetId
FK	storeId
	month
	year
	beans
	beverage
	food
	merchendise
	totalGoal

pastryInventory

PK	pastryInventoryId
FK	storeId
FK	productId
	transactionDate
	stockQuantity
	soldQuantity
	waste
	wastePercentage

product

PK	productId
	productNo
	productGroup
	productCategory
	productType
FK	productNameId
	volume
	unitOfMeasure
	currentWholesale
	currentRetailPrice
	isTaxExempt
	isPromoItem
	isNewProduct

productName

PK	productNameId
	productName
	productDescription

Architecture scope

AWS Simple Storage S3

AWS Glue Jobs, Crawlers and Databases

AWS Lambda
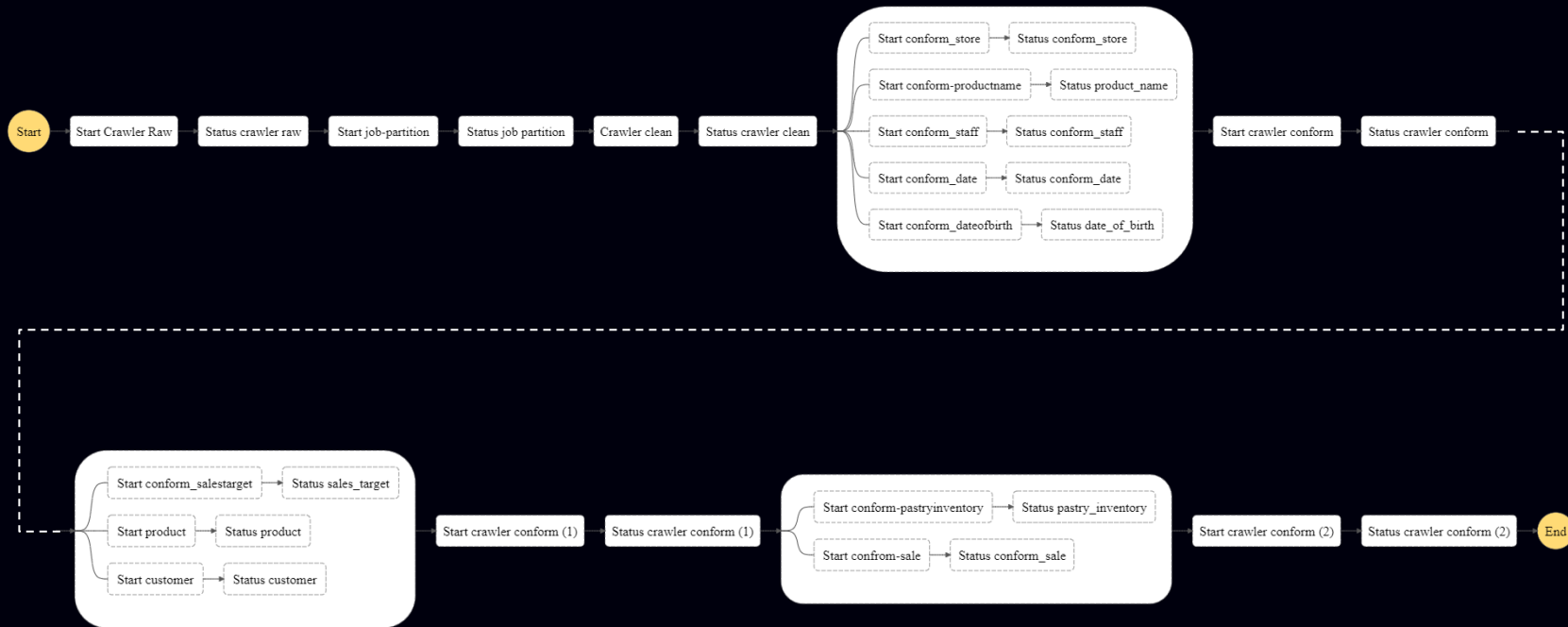
AWS Athena

AWS Step Functions

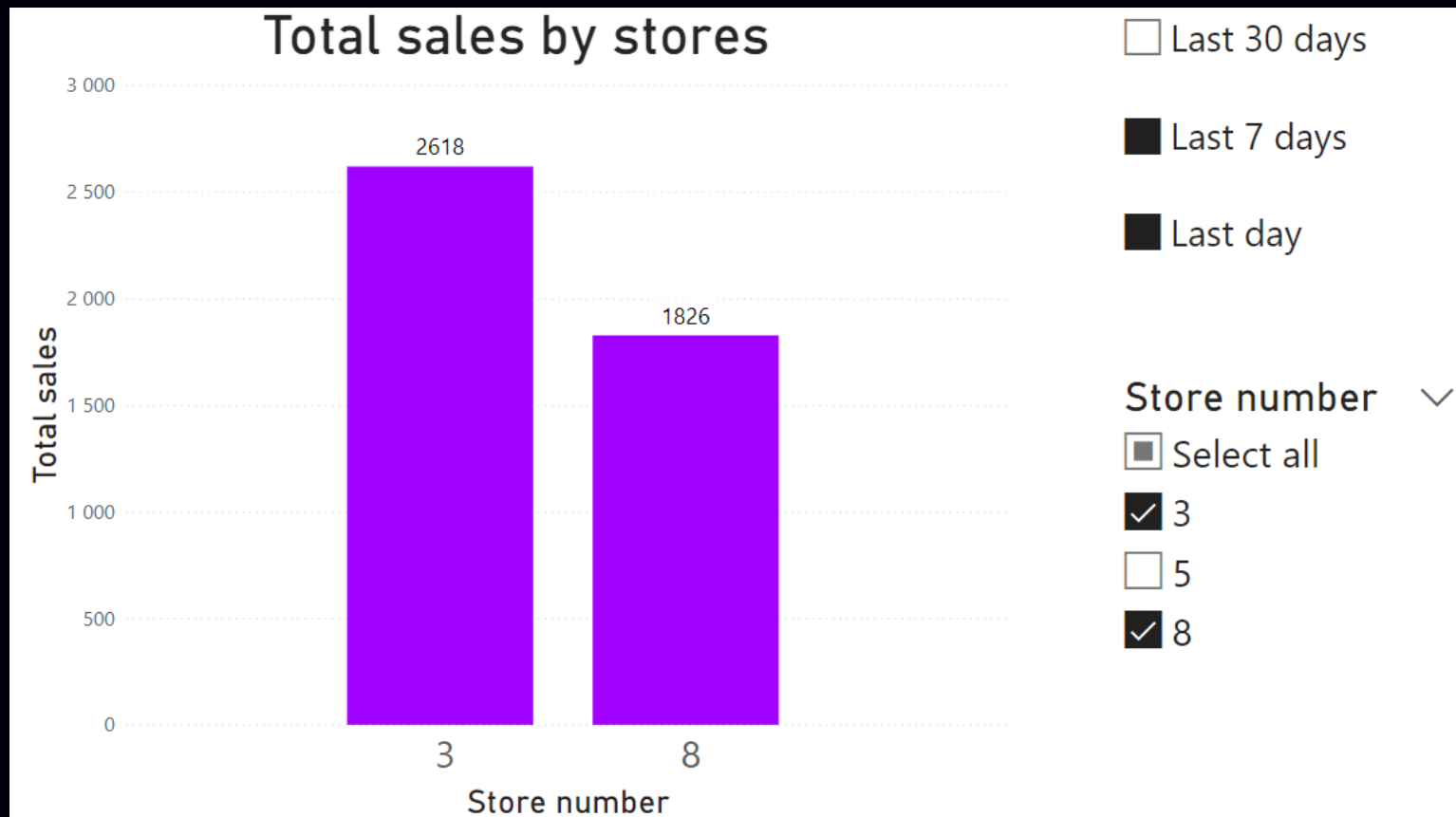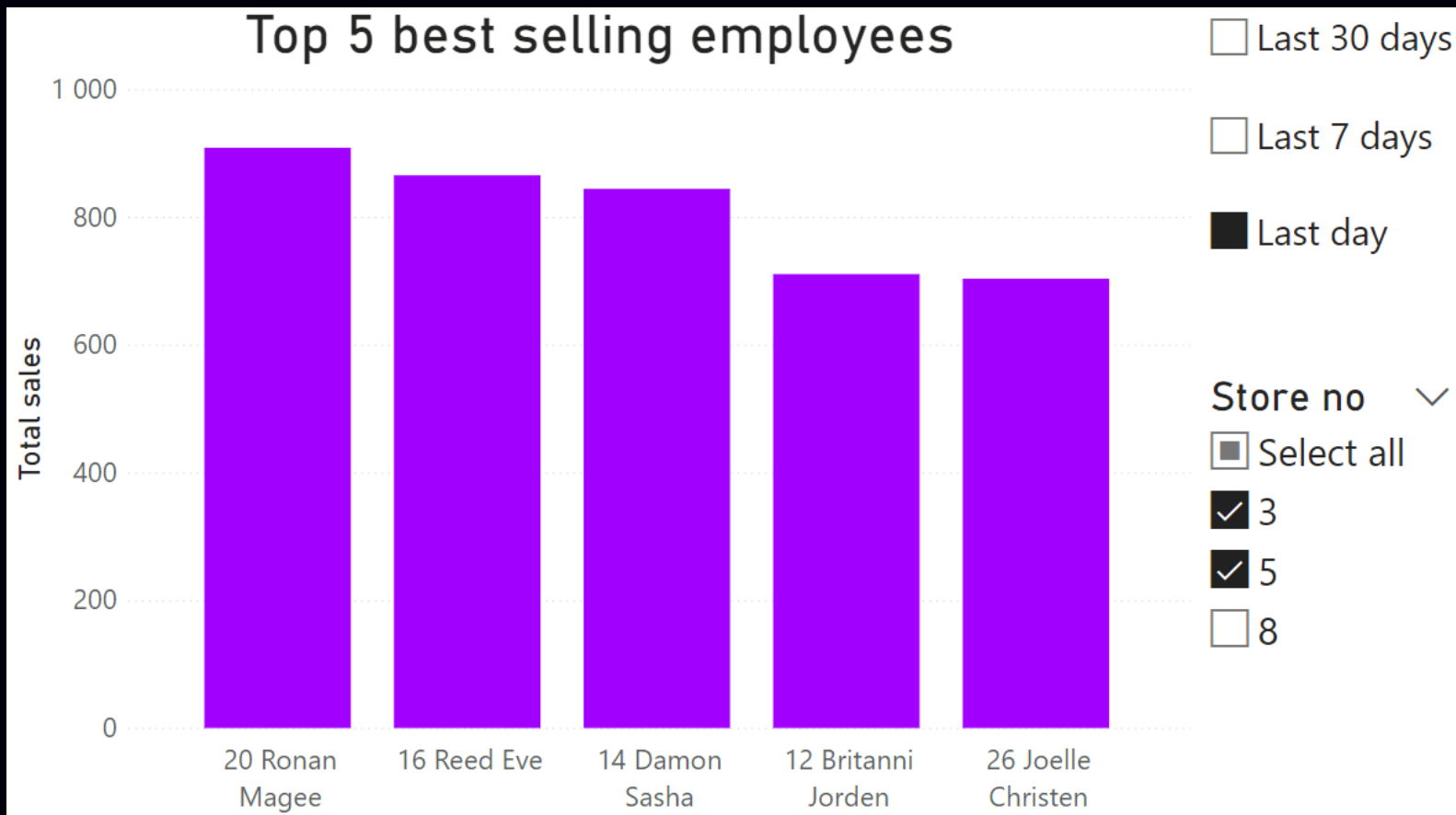AWS EventBridge Scheduler

Microsoft Power BI

AWS Step Function
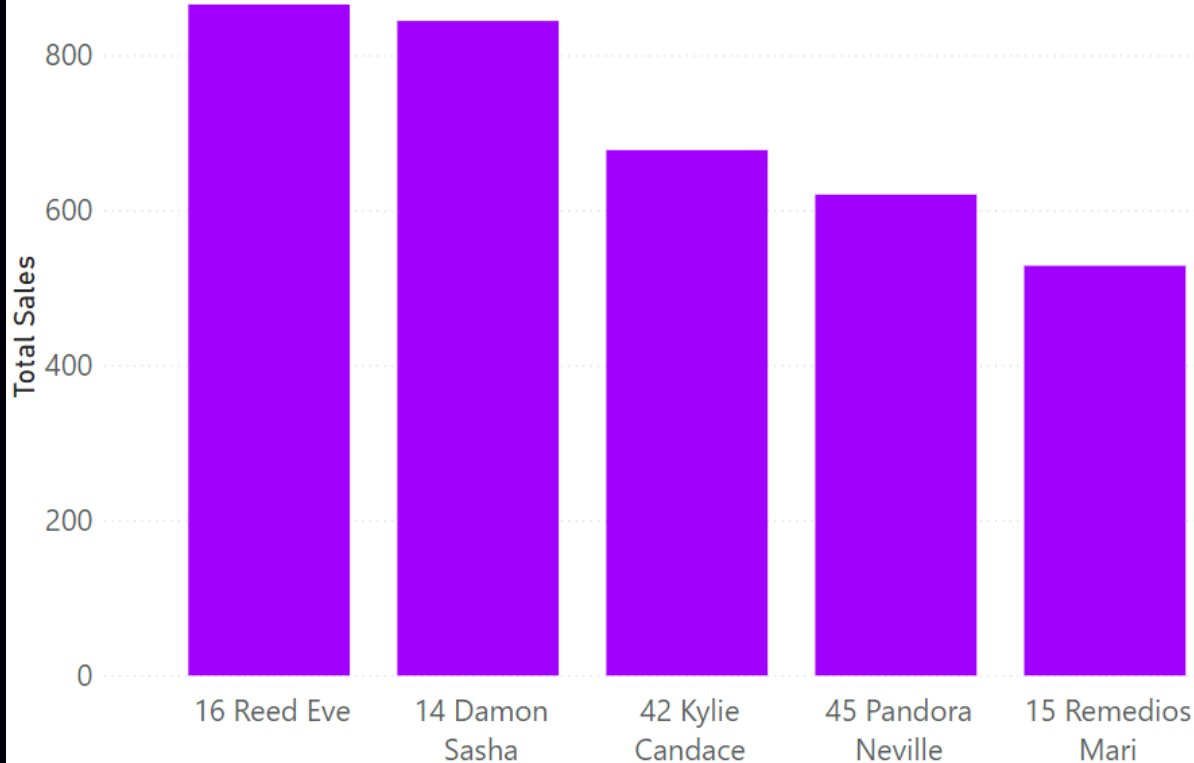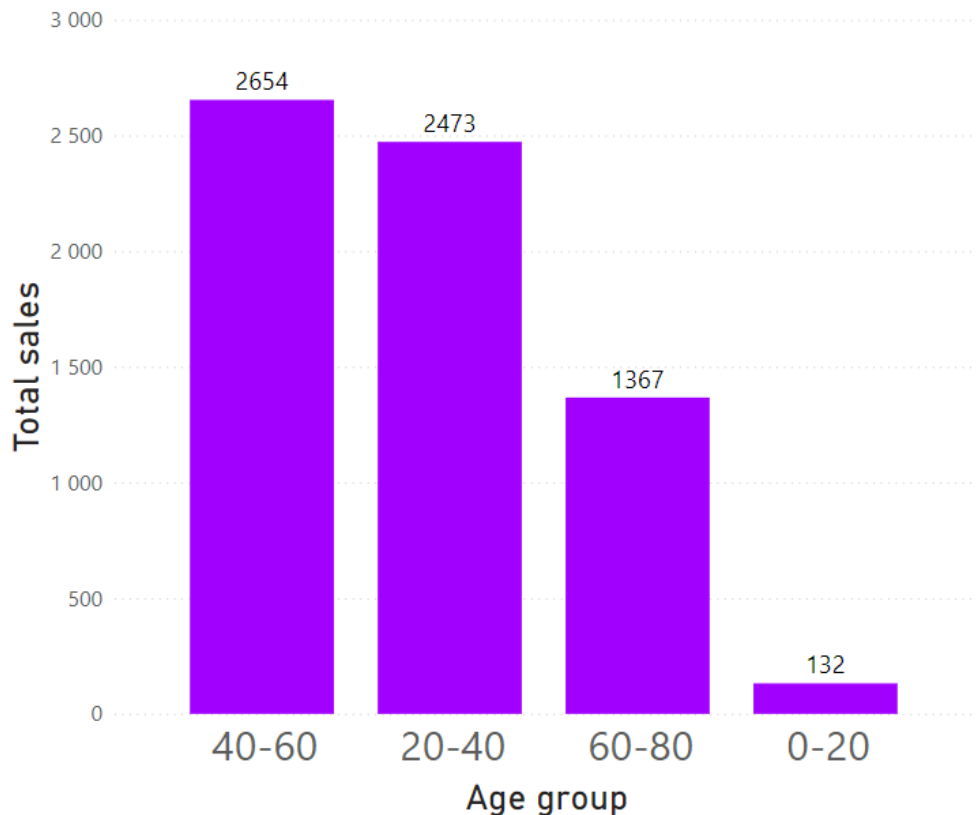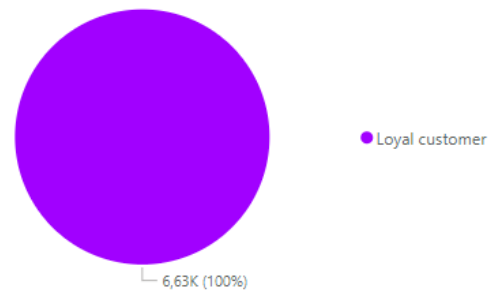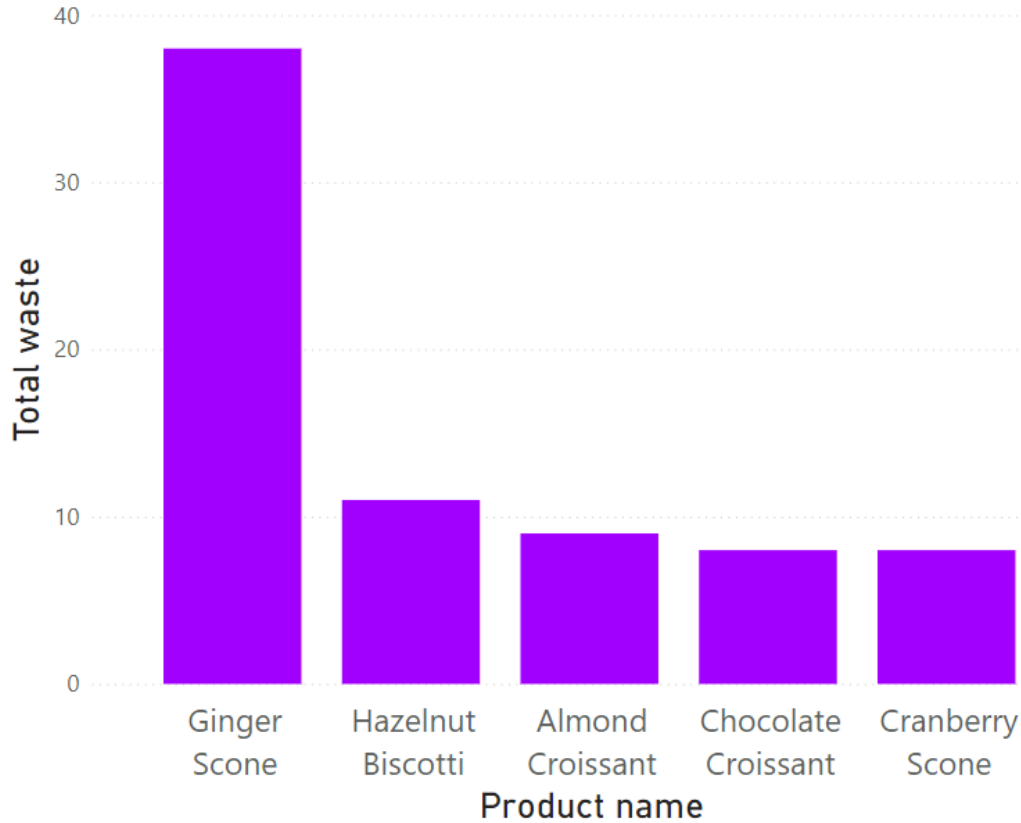
Thank you for your attention