

Análisis Exploratorio de Datos (EDA)

Resumen de los datos:

Los datos representan información estructurada proveniente del archivo CSV, incluyendo número de columnas, números de filas, valores nulos, duplicados, tipos de datos, estadísticas descriptivas y correlaciones entre variables.

Además, se presenta una visualización de los primeros y últimos registros del dataframe para tener una idea de la estructura de los datos.

Fecha de creación del informe: jueves 20 de marzo de 2025 09:39:48 AM

Codificación del archivo CSV:

Codificación: UTF-8-SIG

Confianza: 1.0

Idioma:

Dimenciones del dataframe:

Número de filas: 1094

Número de columnas: 6

(1094x6)

Columnas del dataframe:

1- Sales Person

2- Country

3- Product

4- Date

5- Amount

6- Boxes Shipped

Valores nulos en el dataframe:

Sales Person 0

Country 0

Product 0

Date 0

Amount 0

Boxes Shipped 0

Valores duplicados en el dataframe:

0 valores duplicados

Tipos de datos de las columnas:

Sales Person object

Country object

Product object

Date object

Amount object

Boxes Shipped int64

Estadísticas descriptivas del dataframe:

	Boxes Shipped
count	1094.000000
mean	161.797989
std	121.544145
min	1.000000
25%	70.000000
50%	135.000000
75%	228.750000
max	709.000000

Correlación de las variables del dataframe:

	Boxes Shipped
Boxes Shipped	1.0

Visualización de los primeros registros del dataframe:

	Sales Person	Country	Product	Date	Amount	Boxes Shipped
0	Jehu Rudeforth	UK	Mint Chip Choco	04-Jan-22	\$5,320	180
1	Van Tuxwell	India	85% Dark Bars	01-Aug-22	\$7,896	94
2	Gigi Bohling	India	Peanut Butter Cubes	07-Jul-22	\$4,501	91
3	Jan Morforth	Australia	Peanut Butter Cubes	27-Apr-22	\$12,726	342
4	Jehu Rudeforth	UK	Peanut Butter Cubes	24-Feb-22	\$13,685	184
5	Van Tuxwell	India	Smooth Sliky Salty	06-Jun-22	\$5,376	38
6	Oby Sorrel	UK	99% Dark & Pure	25-Jan-22	\$13,685	176
7	Gunar Cockshoot	Australia	After Nines	24-Mar-22	\$3,080	73
8	Jehu Rudeforth	New Zealand	50% Dark Bites	20-Apr-22	\$3,990	59
9	Brien Boise	Australia	99% Dark & Pure	04-Jul-22	\$2,835	102
10	Rafaelita Blaksland	UK	Smooth Sliky Salty	13-Jan-22	\$4,704	62
11	Barr Faughny	USA	Orange Choco	10-Mar-22	\$3,703	11
12	Mallorie Waber	Canada	Eclairs	13-Jan-22	\$1,442	286
13	Karlen McCaffrey	New Zealand	Drinking Coco	28-Jul-22	\$168	156
14	Marney O'Brien	New Zealand	Peanut Butter Cubes	03-Aug-22	\$8,379	173
15	Beverie Moffet	Australia	Organic Choco Syrup	26-Jan-22	\$6,790	356
16	Van Tuxwell	Canada	Organic Choco Syrup	14-Feb-22	\$4,067	42
17	Roddy Speechley	USA	Smooth Sliky Salty	05-Apr-22	\$3,017	140
18	Beverie Moffet	Canada	Milk Bars	16-Feb-22	\$8,799	250
19	Curtice Advani	UK	85% Dark Bars	08-Jun-22	\$1,085	172
20	Brien Boise	Australia	Eclairs	27-Jun-22	\$6,888	88
21	Gunar Cockshoot	USA	Spicy Special Slims	17-Feb-22	\$1,267	157
22	Marney O'Brien	USA	After Nines	30-May-22	\$4,753	163
23	Husein Augar	UK	Drinking Coco	14-Mar-22	\$3,003	113
24	Kaine Padly	Australia	Eclairs	28-Feb-22	\$7,672	115
25	Karlen McCaffrey	India	Fruit & Nut Bars	26-Jan-22	\$168	321
26	Roddy Speechley	Canada	Spicy Special Slims	09-Feb-22	\$1,652	186
27	Husein Augar	USA	Eclairs	07-Jul-22	\$4,025	112
28	Dennison Crosswaite	New Zealand	White Choc	05-Jul-22	\$9,492	151
29	Dennison Crosswaite	New Zealand	Manuka Honey Choco	15-Jun-22	\$5,061	301
30	Van Tuxwell	New Zealand	85% Dark Bars	24-May-22	\$1,722	121
31	Rafaelita Blaksland	UK	99% Dark & Pure	29-Jun-22	\$12,446	150
32	Wilone O'Kielt	Australia	Manuka Honey Choco	11-May-22	\$4,284	94
33	Karlen McCaffrey	UK	Almond Choco	30-Jun-22	\$6,839	133
34	Andria Kimpton	Canada	After Nines	11-May-22	\$2,163	70
35	Roddy Speechley	USA	Manuka Honey Choco	22-Jul-22	\$9,583	315
36	Andria Kimpton	UK	50% Dark Bites	24-Aug-22	\$2,653	314
37	Kelci Walkden	New Zealand	After Nines	07-Jul-22	\$147	72
38	Camilla Castle	Australia	85% Dark Bars	19-May-22	\$3,654	14
39	Karlen McCaffrey	India	Manuka Honey Choco	04-Jul-22	\$2,443	581

Visualización de los últimos registros del dataframe:

	Sales Person	Country	Product	Date	Amount	Boxes Shipped
1054	Camilla Castle	UK	Peanut Butter Cubes	19-Jul-22	\$4,872	126
1055	Madelene Upcott	UK	Peanut Butter Cubes	12-Aug-22	\$7,756	85
1056	Madelene Upcott	USA	Choco Coated Almonds	07-Jun-22	\$5,446	132
1057	Marney O'Brien	Canada	Peanut Butter Cubes	08-Mar-22	\$6,594	91
1058	Ches Bonnell	Australia	Choco Coated Almonds	08-Apr-22	\$1,470	167
1059	Curtice Advani	Canada	Eclairs	06-May-22	\$721	203
1060	Roddy Speechley	India	Drinking Coco	31-May-22	\$4,494	11
1061	Van Tuxwell	Australia	Mint Chip Choco	13-Jan-22	\$2,674	295
1062	Dennison Crosswaite	USA	70% Dark Bites	15-Mar-22	\$658	77
1063	Andria Kimpton	Canada	Peanut Butter Cubes	16-Feb-22	\$1,127	319
1064	Gigi Bohling	USA	70% Dark Bites	14-Jan-22	\$7,364	196
1065	Rafaelita Blaksland	Australia	White Choc	21-Mar-22	\$6,818	102
1066	Roddy Speechley	Canada	Drinking Coco	17-May-22	\$6,776	312
1067	Camilla Castle	New Zealand	85% Dark Bars	08-Aug-22	\$15,099	55
1068	Madelene Upcott	Canada	Milk Bars	26-Apr-22	\$3,612	82
1069	Madelene Upcott	Australia	70% Dark Bites	15-Apr-22	\$3,710	260
1070	Oby Sorrel	Canada	Eclairs	19-May-22	\$6,111	591
1071	Dennison Crosswaite	Canada	Drinking Coco	10-Jan-22	\$2,702	24
1072	Mallorie Waber	New Zealand	After Nines	04-May-22	\$483	228
1073	Roddy Speechley	Canada	White Choc	05-Apr-22	\$5,887	268
1074	Andria Kimpton	India	After Nines	17-Jan-22	\$952	68
1075	Roddy Speechley	India	Spicy Special Slims	22-Mar-22	\$10,647	173
1076	Dotty Strutley	Australia	White Choc	05-Jul-22	\$6,055	93
1077	Oby Sorrel	Canada	Orange Choco	27-Apr-22	\$8,757	338
1078	Kaine Padly	Canada	Almond Choco	12-Aug-22	\$6,055	73
1079	Jan Morforth	UK	Baker's Choco Chips	11-Mar-22	\$721	251
1080	Jehu Rudeforth	UK	Fruit & Nut Bars	13-May-22	\$8,589	229
1081	Dennison Crosswaite	USA	Smooth Sliky Salty	12-May-22	\$11,781	91
1082	Brien Boise	USA	Raspberry Choco	12-Jan-22	\$672	194
1083	Madelene Upcott	New Zealand	Milk Bars	29-Mar-22	\$12,558	403
1084	Roddy Speechley	India	50% Dark Bites	14-Mar-22	\$8,337	12
1085	Barr Faughny	New Zealand	99% Dark & Pure	24-May-22	\$8,134	195
1086	Dennison Crosswaite	Canada	Organic Choco Syrup	28-Jan-22	\$8,491	75
1087	Beverie Moffet	India	Almond Choco	24-May-22	\$3,066	96
1088	Brien Boise	Australia	Peanut Butter Cubes	19-Aug-22	\$301	205
1089	Karlen McCaffrey	Australia	Spicy Special Slims	17-May-22	\$4,410	323
1090	Jehu Rudeforth	USA	White Choc	07-Jun-22	\$6,559	119
1091	Ches Bonnell	Canada	Organic Choco Syrup	26-Jul-22	\$574	217
1092	Dotty Strutley	India	Eclairs	28-Jul-22	\$2,086	384
1093	Karlen McCaffrey	India	70% Dark Bites	23-May-22	\$5,075	344