ARMACANQUI TIPACTI JESUS SAMUEL

Nombre de cuenta:

1. Carga limpieza de datos.

Como fuente de datos se tiene el archivo: BCP-CTE-194-9887429-1-27_clean.xlsx, estos datos fueron limpiados eliminando valores nulos en la columna SALDO, movimientos registrados en dos líneas, en la columna HORA existían valores nulos y se completó con la hora del movimiento anterior. Se agregó una columna de dateTimeStr y se corrigieron los montos (XYZ-) en la columna MOVIMIENTOS. en la columna DESCRIPCION se observó cuentas identicas pero en ocasiones separados por espacios o guiones, se elminiaron estos caracteres para no generar duplicados.

	ANO	FECHA	HORA	MED-AT	DESCRIPCION	LUGAR	CARGO / ABONO	SALDO	dateTimeStr	MOVIMIENTOS	DESCRIPCION_CLEAN
0	2022	10-09	12:37	VEN	DE 194-70256016-1 ¥	AGLARCO	306709.14	306709.14	2022-09-10 12:37:00	306709.14	DE194702560161¥
1	2022	10-09	12:40	VEN	A 191-2116509-1	AGLARCO	47,577.60-	259131.54	2022-09-10 12:40:00	-47577.60	A19121165091
2	2022	11-09	12:40	INT	IMPUESTO ITF	NaN	2.35-	259129.19	2022-09-11 12:40:00	-2.35	IMPUESTOITE
5	2022	12-09	11:29	VEN	A 191-1200815-1	AGLARCO	41,152.50-	215975.16	2022-09-12 11:29:00	-41152.50	A19112008151
7	2022	12-09	11:30	VEN	A 191-1200815-1	AGLARCO	58,983.48-	102711.68	2022-09-12 11:30:00	-58983.48	A19112008151
6	2022	12-09	11:31	VEN	A 191-1200815-1	AGLARCO	54,280.00-	161695.16	2022-09-12 11:31:00	-54280.00	A19112008151
8	2022	12-09	11:32	VEN	A 191-1200815-1	AGLARCO	66,080.00-	36631.68	2022-09-12 11:32:00	-66080.00	A19112008151
9	2022	12-09	11:32	INT	IMPUESTO ITF	NaN	11.00-	36620.68	2022-09-12 11:32:00	-11.00	IMPUESTOITF
3	2022	12-09	15:49	VEN	RET. VENTANILLA	SUC MIRAFLORES	501.53-	258627.66	2022-09-12 15:49:00	-501.53	RET.VENTANILLA
4	2022	12-09	15:50	VEN	RET. VENTANILLA	SUC MIRAFLORES	1,500.00-	257127.66	2022-09-12 15:50:00	-1500.00	RET.VENTANILLA
10	2022	13-09	17:11	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	100.00-	36520.68	2022-09-13 17:11:00	-100.00	RETIROEFECTIVO
11	2022	13-09	17:12	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	100.00-	36420.68	2022-09-13 17:12:00	-100.00	RETIROEFECTIVO
12	2022	15-09	11:49	VEN	RET. VENTANILLA	AGLARCO	354.00-	36066.68	2022-09-15 11:49:00	-354.00	RET.VENTANILLA
13	2022	15-09	11:50	VEN	RET. VENTANILLA	AGLARCO	1,000.00-	35066.68	2022-09-15 11:50:00	-1000.00	RET.VENTANILLA
14	2022	15-09	11:50	INT	MANT TD ORO ¥	NaN	1.50-	35065.18	2022-09-15 11:50:00	-1.50	MANTTDORO¥
15	2022	15-09	11:50	INT	IMPUESTO ITF	NaN	.05-	35065.13	2022-09-15 11:50:00	-0.05	IMPUESTOITF
16	2022	18-09	15:06	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	100.00-	34965.13	2022-09-18 15:06:00	-100.00	RETIROEFECTIVO
10	2022	20-09	13:48	VEN	A 191-9873853-1	SUC MIRAFLORES	27,140.00-	6825.13	2022-09-20 13:48:00	-27140.00	A19198738531
19	2022	20-09	13:48	INT	IMPUESTO ITF	NaN	1.40-	6823.73	2022-09-20 13:48:00	-1.40	IMPUESTOITE
17	2022	20-09	17:16	VEN	RET. VENTANILLA	AGLARCO	1,000.00-	33965.13	2022-09-20 17:16:00	-1000.00	RET.VENTANILLA
21	2022	21-09	06:39	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	200.00-	6523.73	2022-09-21 06:39:00	-200.00	RETIROEFECTIVO
20	2022	21-09	06:40	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	100.00-	6723.73	2022-09-21 06:40:00	-100.00	RETIROEFECTIVO
23	2022	21-09	17:29	INT	IMPUESTO ITF	NaN	.10-	4523.63	2022-09-21 17:29:00	-0.10	IMPUESTOITE
22	2022	21-09	17:29	VEN	RET. VENTANILLA	AGLARCO	2,000.00-	4523.73	2022-09-21 17:29:00	-2000.00	RET.VENTANILLA
24	2022	22-09	06:22	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	100.00-	4423.63	2022-09-22 06:22:00	-100.00	RETIROEFECTIVO
25	2022	22-09	06:23	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	120.00-	4303.63	2022-09-22 06:23:00	-120.00	RETIROEFECTIVO
26	2022	23-09	15:32	VEN	DE 194-70256016-1¥	SUC MIRAFLORES	121673.34	125976.97	2022-09-23 15:32:00	121673.34	DE194702560161¥
27	2022	23-09	15:40	VEN	A 191-1200815-1	SUC MIRAFLORES	121,673.34-	4303.63	2022-09-23 15:40:00	-121673.34	A19112008151
28	2022	23-09	15:40	INT	IMPUESTO ITF	NaN	6.05-	4297.58	2022-09-23 15:40:00	-6.05	IMPUESTOITF
29	2022	24-09	06:48	CAJ	RETIRO EFECTIVO	AGENCIA BCP - L	300.00-	3997.58	2022-09-24 06:48:00	-300.00	RETIROEFECTIVO

Tabla 1: Data procesada para análisis

2. Movimientos frecuentes según descripción EEC

En la tabla 2 se muestra el número y monto de los movimientos más frecuentes.

	MOVIMIENTOS			
	sum	count		
DESCRIPCION_CLEAN				
IMPUESTOITF	-513.25	223		
A19112008151	-3252126.20	173		
A19198738531	-3005593.73	123		
A19211526401	-272564.88	84		
RET.VENTANILLA	-115174.16	81		
RETIROEFECTIVO	-19400.00	80		
A19198948570¥	-210073.21	58		
A19499493061	-168209.52	42		
A191751553621	-42702.64	37		
DE194702560161¥	6203554.91	33		
A19412033621	-108420.29	32		
A19121165091	-603283.66	30		
ENVIO.EST.CTAV	-30.36	23		
COM.MANTENIM¥ A191066064191	-85.15 -30198.00	23		
	-29338.37	21		
TRANSFERENCIAINTERBAN		21		
A19214765761 TRANSFOTRACUENTA	-80016.56 -14055.77	20		
A194950233041	-18203.41	20		
A194948999881	-8100.00	15		
A194736500701	-39800.00	15		
A194935045361	-4393.71	14		
DEOTRACUENTAV	87635.10	12		
DEDAVINCHYINTEGRATED	84177.26	12		
COM.OPE.VENT¥	-340.92	10		
A194923316831	-4167.70	9		
DE19198948570¥	380155.12	7		
TRAN.CTAS.TERC.BM	9550.00	7		
TRANSFERENCIACCE	-18050.71	7		
A19126438621	-24178.30	6		
DE19499493061	52000.00	6		
A191916928191	-10000.00	5		
A19214471561	-3331.09	5		
A19325682191	-14266.20	5		
A194936599601¥	-12158.62	4		
TRAN.CTAS.PROP.VEN¥	-10500.00	4		
MANTTDORO¥	-6.00	4		
WALMART¥2734	-3011.22	3		
A19124865401	-806.83	3		
A194911086901	-3300.00	3		
A194959167291	-6578.04	3		
A19316032331	-1492.00	3		
USOCAJEROTRINS	-58.41	3		
RETIROCAJOTROBANCO		S S S S		

Tabla 2: Movimientos frecuentes segun ECC

Historial de movimientos con destino específico

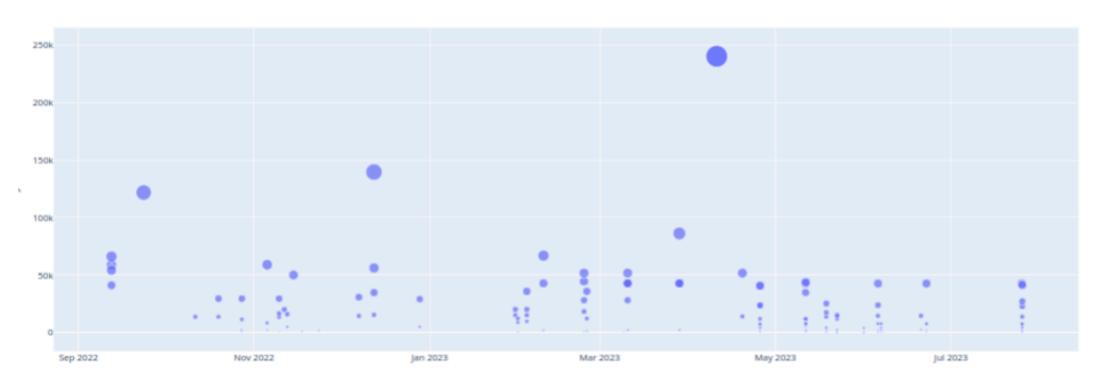
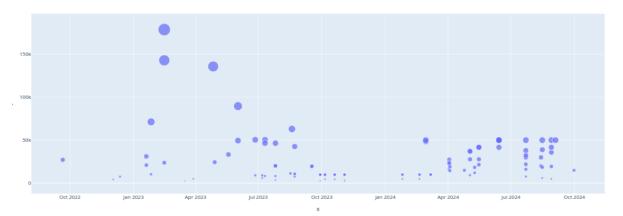
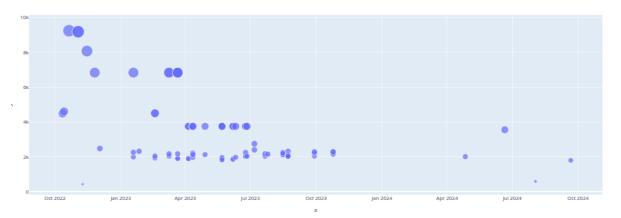


Tabla de los ultimos movimientos con destino 191-1200815-1

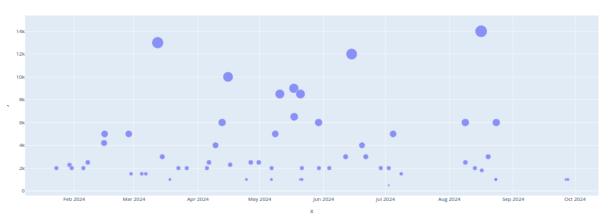
ANO	FECHA	HORA	MED-AT	DESCRIPCION	LUGAR	NUM OPER	CARGO / ABONO	SALDO	dateTimeStr	MOVIMIENTOS	DESCRIPCION_CLEAN
2023	05-06	15:47	VEN	A 191-1200815-1	AG.SAN ANTONIO	528235	356.00-	135545.49	2023-06-05 15:47:00	-356.00	A19112008151
2023	05-06	15:49	VEN	A 191-1200815-1	AG.SAN ANTONIO	531069	23,800.00-	86437.49	2023-06-05 15:49:00	-23800.00	A19112008151
2023	05-06	15:50	VEN	A 191-1200815-1	AG.SAN ANTONIO	534107	14,600.00-	110237.49	2023-06-05 15:50:00	-14600.00	A19112008151
2023	05-06	15:51	VEN	A 191-1200815-1	AG.SAN ANTONIO	536694	125.94-	135901.49	2023-06-05 15:51:00	-125.94	A19112008151
2023	06-06	17:18	VEN	A 191-1200815-1	AG.SAN ANTONIO	750862	7,672.50-	5521.69	2023-06-06 17:18:00	-7672.50	A19112008151
2023	06-06	17:19	VEN	A 191-1200815-1	AG.SAN ANTONIO	752769	1,395.00-	42349.01	2023-06-06 17:19:00	-1395.00	A19112008151
2023	06-06	17:20	VEN	A 191-1200815-1	AG.SAN ANTONIO	754933	64.08-	43744.01	2023-06-06 17:20:00	-64.08	A19112008151
2023	06-06	17:21	VEN	A 191-1200815-1	AG.SAN ANTONIO	757201	4,284.00-	19194.19	2023-06-06 17:21:00	-4284.00	A19112008151
2023	06-06	17:22	VEN	A 191-1200815-1	AG.SAN ANTONIO	759223	2,628.00-	33978.19	2023-06-06 17:22:00	-2628.00	A1911200815
2023	07-06	16:59	VEN	A 191-1200815-1	AG.CHAMA	257419	352.44-	6167.60	2023-06-07 16:59:00	-352.44	A1911200815
2023	20-06	13:47	VEN	A 191-1200815-1	SUC MIRAFLORES	93534	14,600.00-	40136.83	2023-06-20 13:47:00	-14600.00	A1911200815
2023	20-06	13:48	VEN	A 191-1200815-1	SUC MIRAFLORES	94875	2,628.00-	54736.83	2023-06-20 13:48:00	-2628.00	A1911200815
2023	22-06	11:39	VEN	A 191-1200815-1	AG.LARCO	139567	42,625.00-	1528.04	2023-06-22 11:39:00	-42625.00	A1911200815
2023	22-06	11:40	VEN	A 191-1200815-1	AG.LARCO	141559	7,672.50-	44153.04	2023-06-22 11:40:00	-7672.50	A1911200815
2023	22-06	11:41	VEN	A 191-1200815-1	AG.LARCO	143152	1,958.00-	51825.54	2023-06-22 11:41:00	-1958.00	A1911200815
2023	22-06	11:42	VEN	A 191-1200815-1	AG.LARCO	144695	352.44-	53783.54	2023-06-22 11:42:00	-352.44	A1911200815
2023	25-07	13:34	VEN	A 191-1200815-1	SUC MIRAFLORES	328394	42,625.00-	49974.96	2023-07-25 13:34:00	-42625.00	A1911200815
2023	25-07	13:36	VEN	A 191-1200815-1	SUC MIRAFLORES	333294	7,672.50-	257267.86	2023-07-25 13:36:00	-7672.50	A1911200815
2023	25-07	13:37	VEN	A 191-1200815-1	SUC MIRAFLORES	335322	1,958.00-	308022.86	2023-07-25 13:37:00	-1958.00	A1911200815
2023	25-07	13:38	VEN	A 191-1200815-1	SUC MIRAFLORES	337647	352.44-	312226.86	2023-07-25 13:38:00	-352.44	A1911200815
2023	25-07	18:10	VEN	A 191-1200815-1	AG.PARDO	149645	22,848.00-	161042.96	2023-07-25 18:10:00	-22848.00	A1911200815
2023	25-07	18:11	VEN	A 191-1200815-1	AG.PARDO	150246	4,112.64-	282260.10	2023-07-25 18:11:00	-4112.64	A1911200815
2023	25-07	18:14	VEN	A 191-1200815-1	AG.PARDO	152519	41,318.00-	92599.96	2023-07-25 18:14:00	-41318.00	A1911200815
2023	25-07	18:15	VEN	A 191-1200815-1	AG.PARDO	153535	7,437.24-	264940.36	2023-07-25 18:15:00	-7437.24	A1911200815
2023	25-07	18:16	VEN	A 191-1200815-1	AG.PARDO	154299	27,125.00-	133917.96	2023-07-25 18:16:00	-27125.00	A1911200815
2023	25-07	18:17	VEN	A 191-1200815-1	AG.PARDO	154870	4,882.50-	277377.60	2023-07-25 18:17:00	-4882.50	A1911200815
2023	25-07	18:19	VEN	A 191-1200815-1	AG.PARDO	155571	1,246.00-	309980.86	2023-07-25 18:19:00	-1246.00	A1911200815
2023	25-07	18:20	VEN	A 191-1200815-1	AG.PARDO	156002	224.28-	312579.30	2023-07-25 18:20:00	-224.28	A1911200815
2023	25-07	18:22	VEN	A 191-1200815-1	AG.PARDO	157222	2,484.00-	301382.86	2023-07-25 18:22:00	-2484.00	A1911200815
2023	25-07	18:22	VEN	A 191-1200815-1	AG.PARDO	156873	13,800.00-	224224.96	2023-07-25 18:22:00	-13800.00	A19112008151

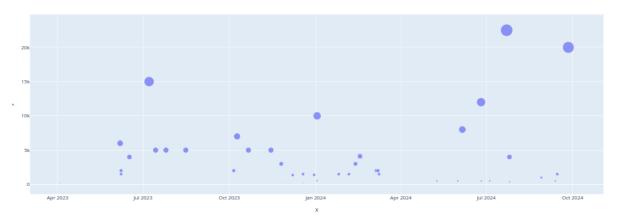


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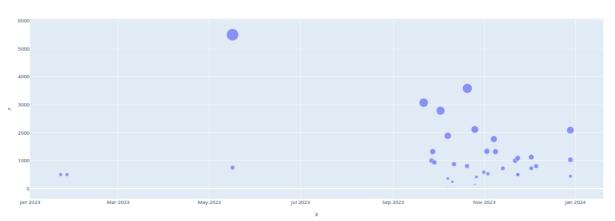


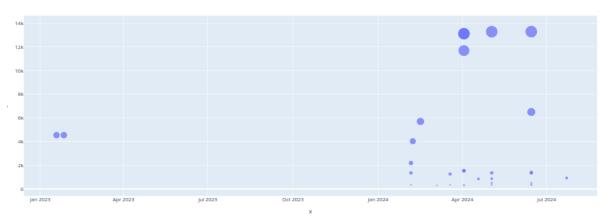
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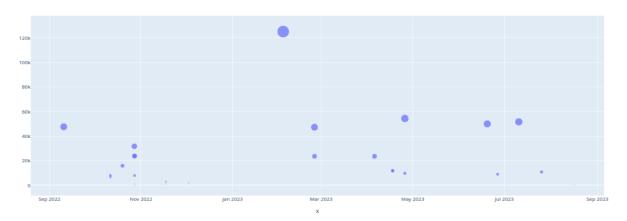




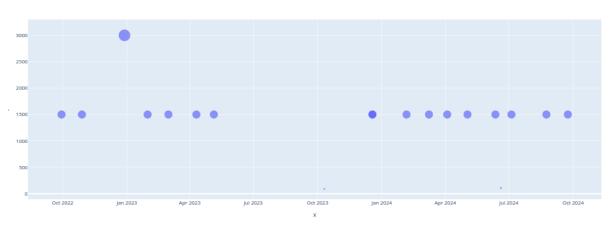
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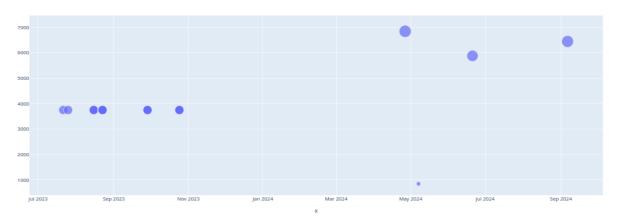


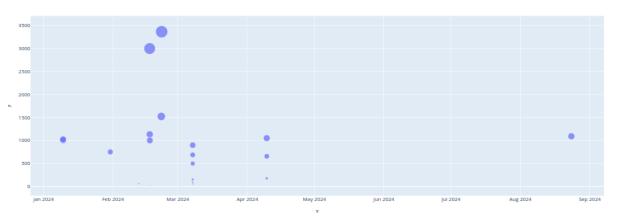




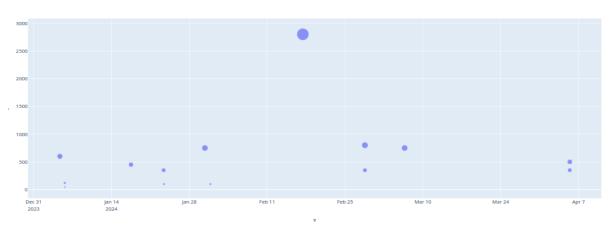
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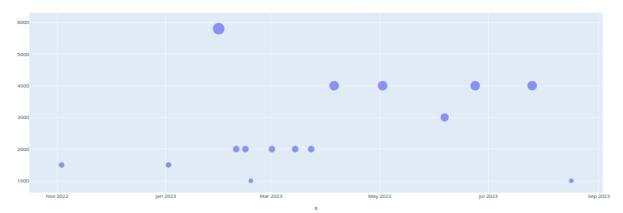


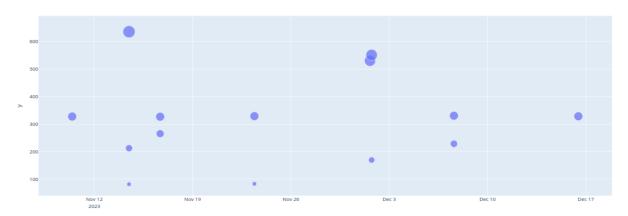




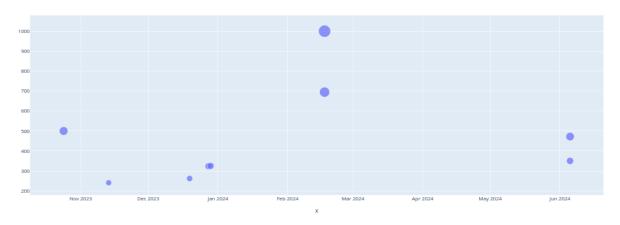
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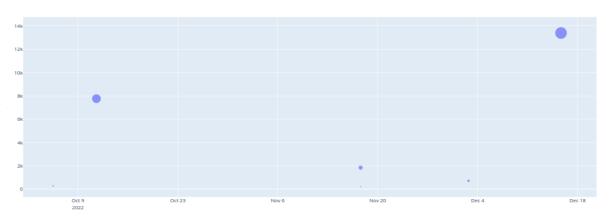


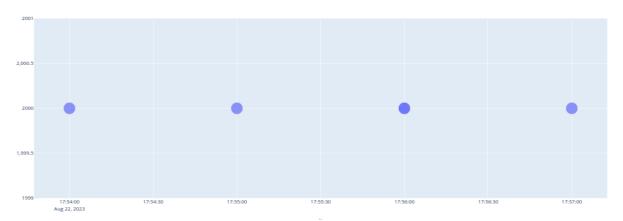




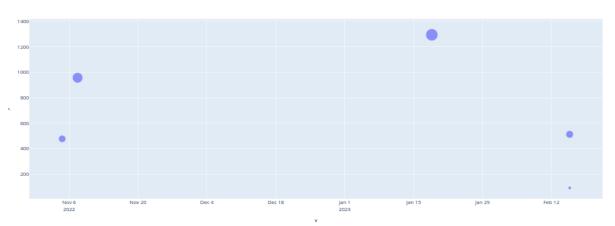
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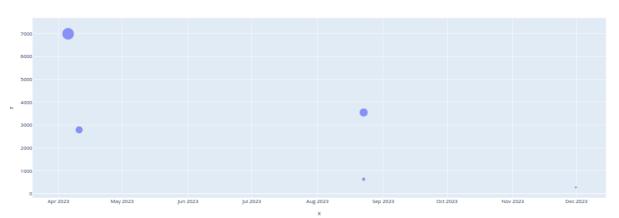


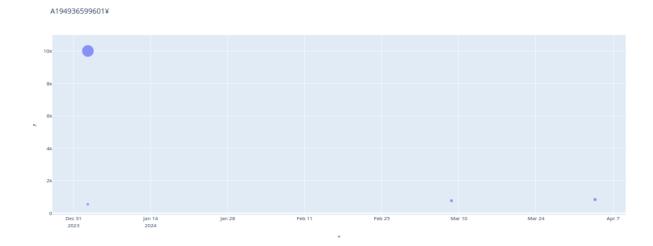




A19214471561







LOS ARCHIVOS FUENTE DE CADA MOVIMIENTO DESTINO SE ADJUNTA EN EL ARCHIVO COMPRIMIDO.