UNIVERSIDAD PRIVADA DE TACNA

FACULTAD DE INGENIERIA

Escuela Profesional de Ingeniería de Sistemas

INFORME DE LABORATORIO Nº 06
“REPORTES CON GOOGLE DATA STUDIO”

Curso: Inteligencia de Negocios

Docente: Ing. Patrick Cuadros Quiroga

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Tacna – Perú
2022

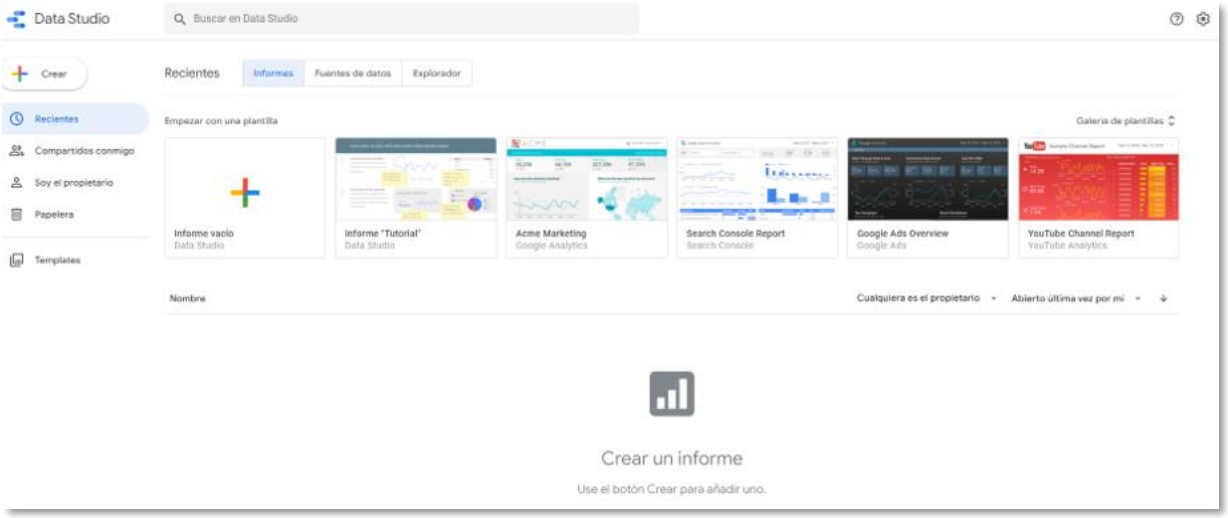
INFORME DE LABORATORIO Nº 06

TEMA: REPORTES CON GOOGLE DATA STUDIO

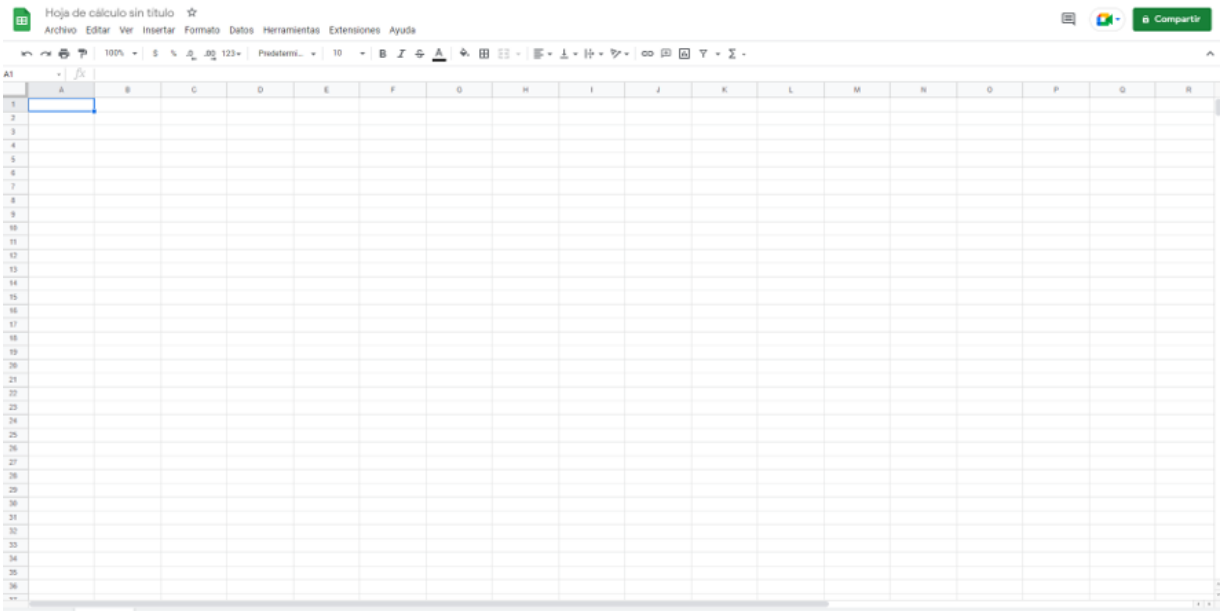
DESARROLLO

PARTE 1: CREAR LA FUENTE DE DATOS

1. Abrir datastudio.google.com e iniciar sesión con su cuenta de Google

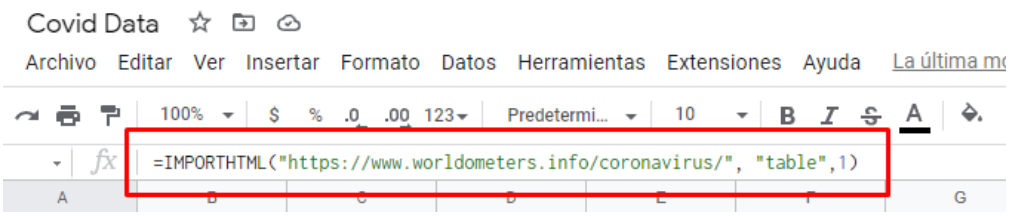


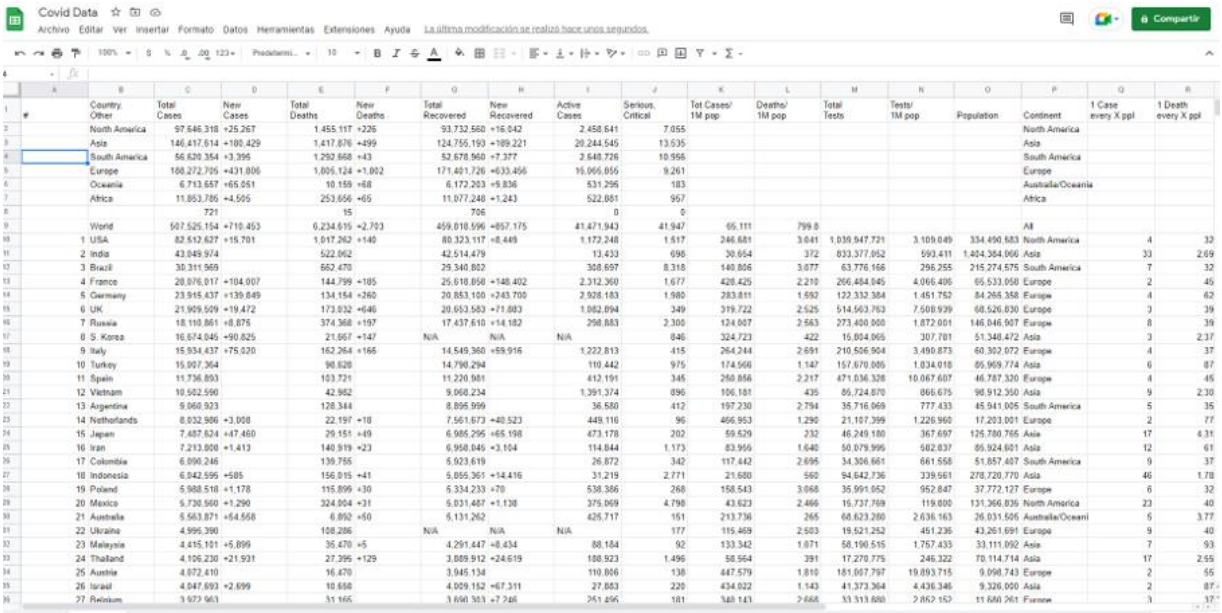
2. Abrir Google Drive y crear una hoja de cálculo de Google Sheet en blanco



3. Renombrar la hoja “Covid Data”

4. En la primera celda, escribir la formula
=IMPORTHTML("https://www.worldometers.info/coronavirus/", "table",1)

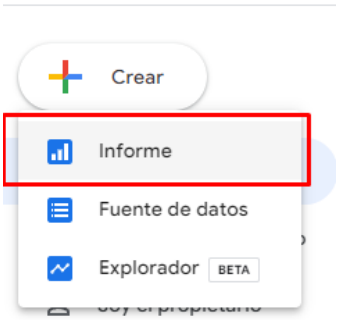


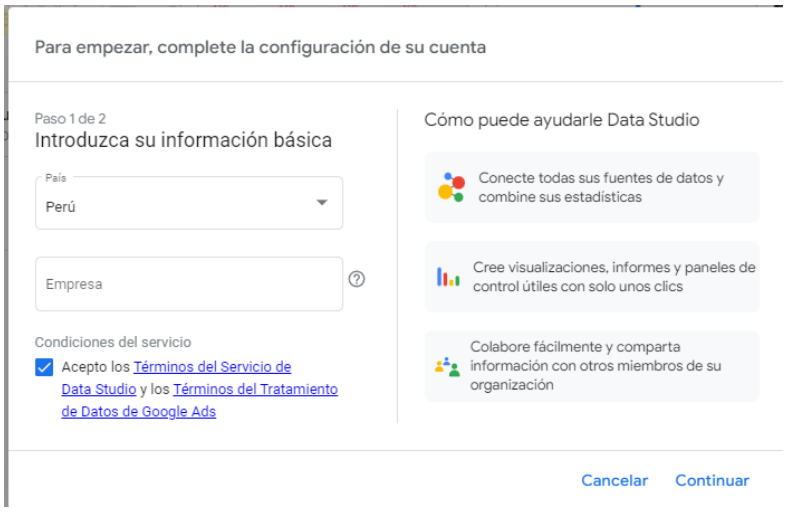


#	Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	New Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population	Continent	1 Case every X ppl	1 Death every X ppl
	North America	97,646,318	+25,267	1,455,117	+226	93,732,560	+16,042	2,458,641	7,055						North America		
	Asia	146,417,614	+180,429	1,417,876	+499	124,755,193	+189,221	20,244,545	13,535						Asia		
	South America	56,620,354	+3,395	1,292,668	+43	52,678,960	+7,377	2,648,726	10,956						South America		
	Europe	188,272,705	+431,806	1,806,124	+1,002	171,401,726	+633,466	15,066,855	9,261						Europe		
	Oceania	6,713,657	+65,051	10,159	+68	6,172,203	+5,836	531,295	183						Australia/Oceania		
	Africa	11,853,786	+4,505	253,656	+65	11,077,248	+1,243	522,881	957						Africa		
		721		15		706		0	0								
	World	507,525,154	+710,453	6,234,615	+2,703	459,018,596	+857,175	41,471,943	41,947	65,111	799.8				All		
1	USA	82,512,627	+15,701	1,017,262	+140	80,323,117	+8,449	1,172,248	1,517	246,681	3,041	1,039,947,721	3,109,049	334,490,583	North America	4	32
2	India	43,049,974		522,062		42,514,479		13,433	696	30,654	372	833,377,952	593,411	1,404,384,066	Asia	33	2,69
3	Brazil	30,311,969		662,470		29,340,802		308,697	8,318	140,806	3,077	63,776,166	296,255	215,274,575	South America	7	32
4	France	28,076,017	+104,007	144,799	+185	25,618,858	+148,402	2,312,360	1,677	428,425	2,219	266,484,945	4,066,406	65,533,058	Europe	2	45
5	Germany	23,915,437	+139,849	134,154	+260	20,853,100	+243,700	2,928,183	1,980	283,811	1,592	122,332,384	1,451,752	84,266,358	Europe	4	62
6	UK	21,909,509	+19,472	173,032	+646	20,653,583	+71,883	1,082,894	349	319,722	2,525	514,563,763	7,508,939	68,526,830	Europe	3	39
7	Russia	18,110,861	+8,875	374,368	+197	17,437,610	+14,182	298,883	2,300	124,007	2,563	273,400,000	1,872,001	146,046,907	Europe	8	39
8	S. Korea	16,674,045	+90,825	21,667	+147	N/A	N/A	N/A	846	324,723	422	16,804,965	307,701	51,348,472	Asia	3	2,37
9	Italy	15,934,437	+75,020	162,264	+166	14,549,360	+59,916	1,222,813	415	264,244	2,691	210,506,904	3,490,873	60,302,072	Europe	4	37
10	Turkey	15,007,364		98,628		14,790,294		110,442	975	174,566	1,147	157,670,005	1,834,018	85,969,774	Asia	6	87
11	Spain	11,736,893		103,721		11,220,981		412,191	345	250,856	2,217	471,036,328	10,067,607	46,787,320	Europe	4	45
12	Vietnam	10,502,590		42,982		9,068,234		1,391,374	896	106,181	435	85,724,870	866,675	98,912,350	Asia	9	2,30
13	Argentina	9,060,923		128,344		8,895,999		36,580	412	197,230	2,794	35,716,069	777,433	45,941,005	South America	5	35
14	Netherlands	8,032,986	+3,008	22,197	+18	7,561,673	+40,523	449,116	96	466,953	1,290	21,107,399	1,226,960	17,203,001	Europe	2	77
15	Japan	7,487,624	+47,460	29,151	+49	6,985,295	+65,198	473,178	202	59,529	232	46,249,180	367,697	125,780,765	Asia	17	4,31
16	Iran	7,213,808	+1,413	140,919	+23	6,958,045	+3,104	114,844	1,173	83,955	1,640	50,079,995	582,837	85,924,601	Asia	12	61
17	Colombia	6,090,246		139,755		5,923,619		26,872	342	117,442	2,695	34,306,661	661,558	51,857,407	South America	9	37
18	Indonesia	6,842,595	+585	156,015	+41	5,855,361	+14,416	31,219	2,771	21,680	560	94,642,736	339,561	278,720,770	Asia	46	1,78
19	Poland	5,988,518	+1,178	115,899	+30	5,334,233	+70	538,386	268	158,543	3,068	35,991,052	952,847	37,772,127	Europe	6	32
20	Mexico	5,730,560	+1,290	324,004	+31	5,031,487	+1,138	375,069	4,798	43,623	2,466	15,737,769	119,600	131,366,835	North America	23	40
21	Australia	5,563,871	+64,558	6,892	+50	5,131,262		425,717	151	213,736	265	68,623,280	2,636,163	26,031,505	Australia/Oceani	5	3,77
22	Ukraine	4,995,390		108,286		N/A	N/A	N/A	177	115,469	2,503	19,521,252	451,236	43,261,691	Europe	9	40
23	Malaysia	4,415,101	+5,899	35,470	+5	4,291,447	+8,434	88,184	92	133,342	1,071	58,190,515	1,757,433	33,111,092	Asia	7	93
24	Thailand	4,106,230	+21,931	27,395	+129	3,889,912	+24,619	188,923	1,496	58,964	391	17,270,775	246,322	70,114,714	Asia	17	2,55
25	Austria	4,072,410		16,470		3,945,134		110,806	138	447,579	1,810	181,007,797	19,893,715	9,098,743	Europe	2	55
26	Israel	4,047,693	+2,699	10,658		4,009,152	+67,311	27,883	220	434,022	1,143	41,373,364	4,436,346	9,326,000	Asia	2	87
27	Belgium	3,973,963		31,165		3,690,383	+7,248	251,496	181	348,143	2,668	33,313,880	2,862,152	11,680,261	Europe	3	37

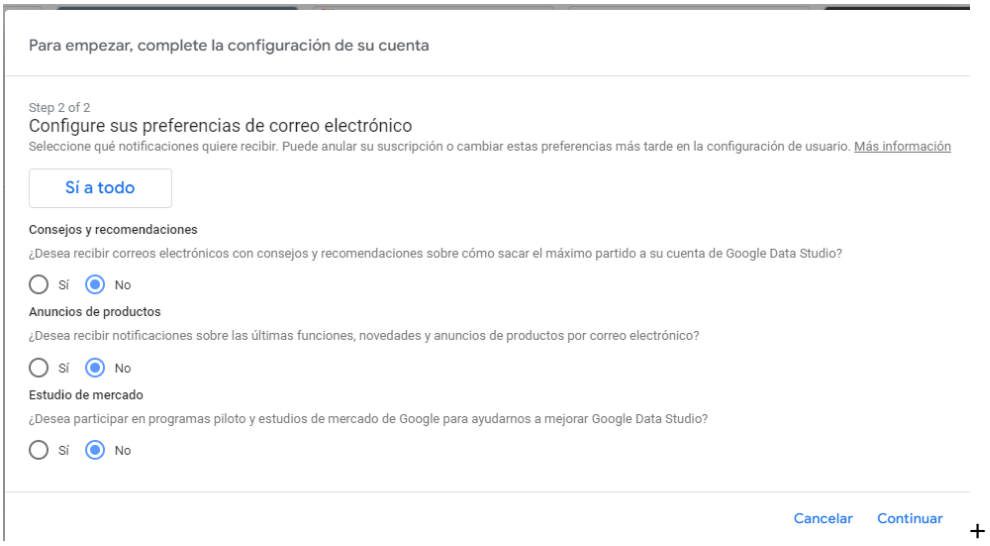
PARTE 2: CREAR EL ORIGEN DE DATOS

1. En Data Studio, haga click en el botón Crear y selecciones Informes

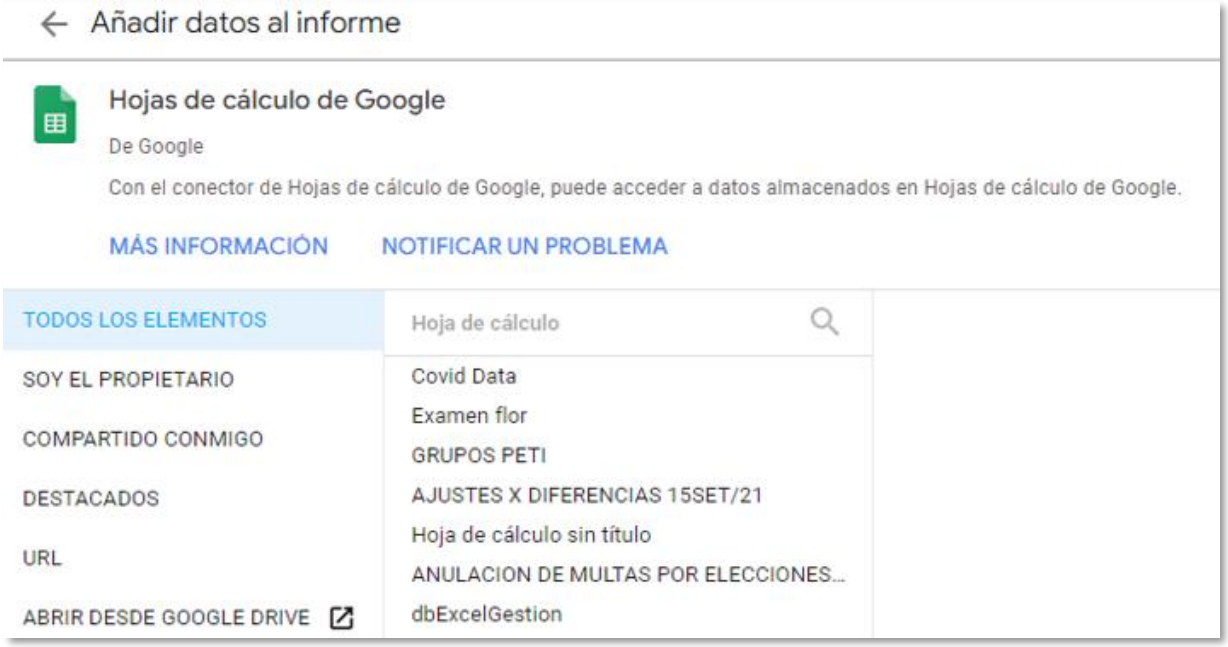




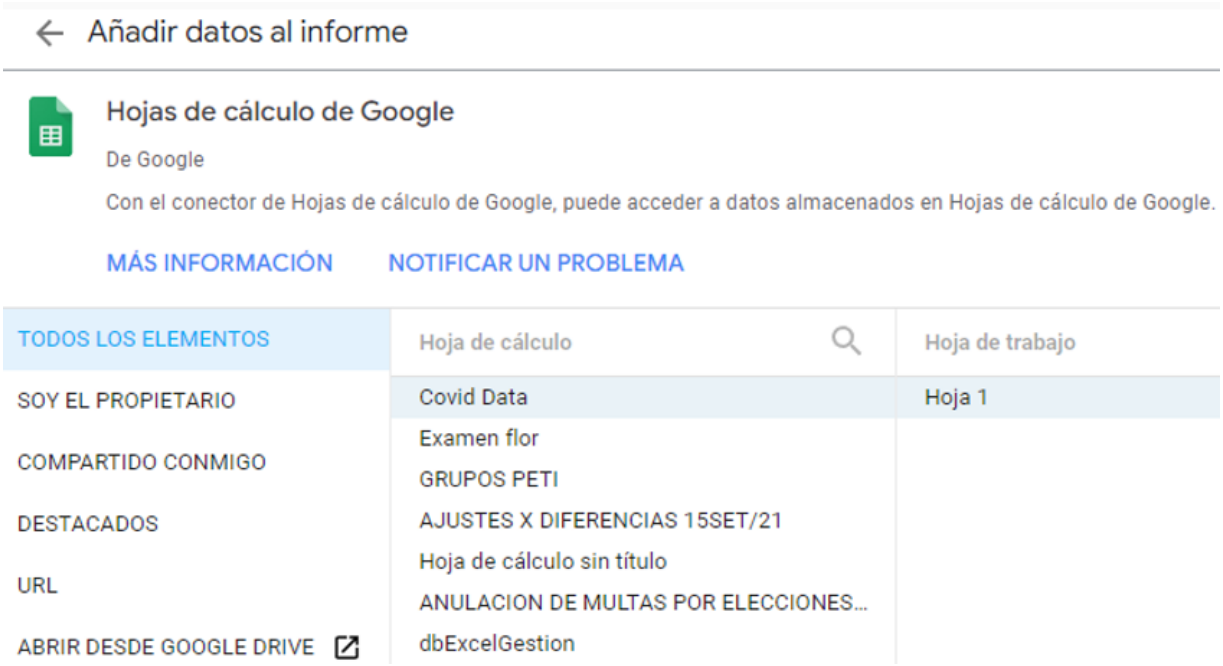
2. Completar las opciones de primera vez



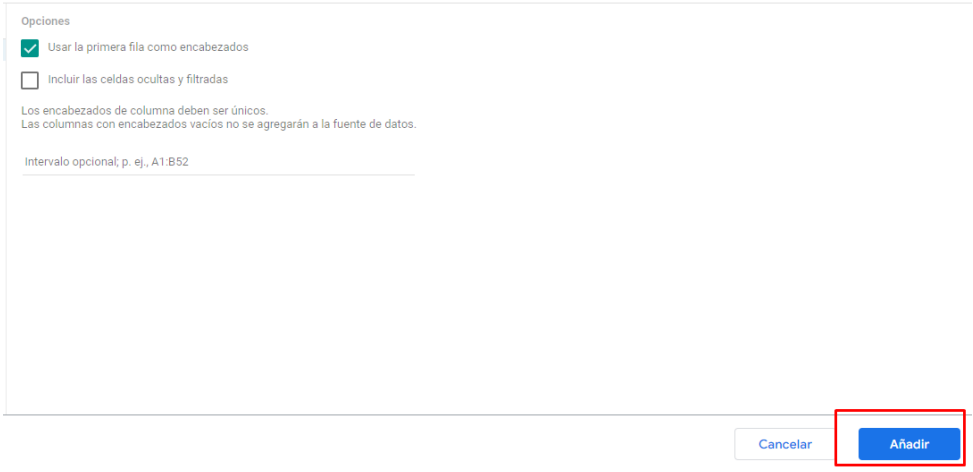
3. Seleccionar el conector Google Sheet y añadir la hoja “Covid Data”

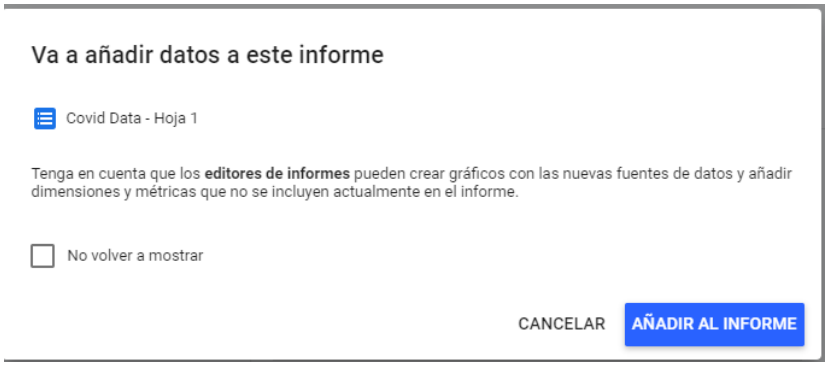


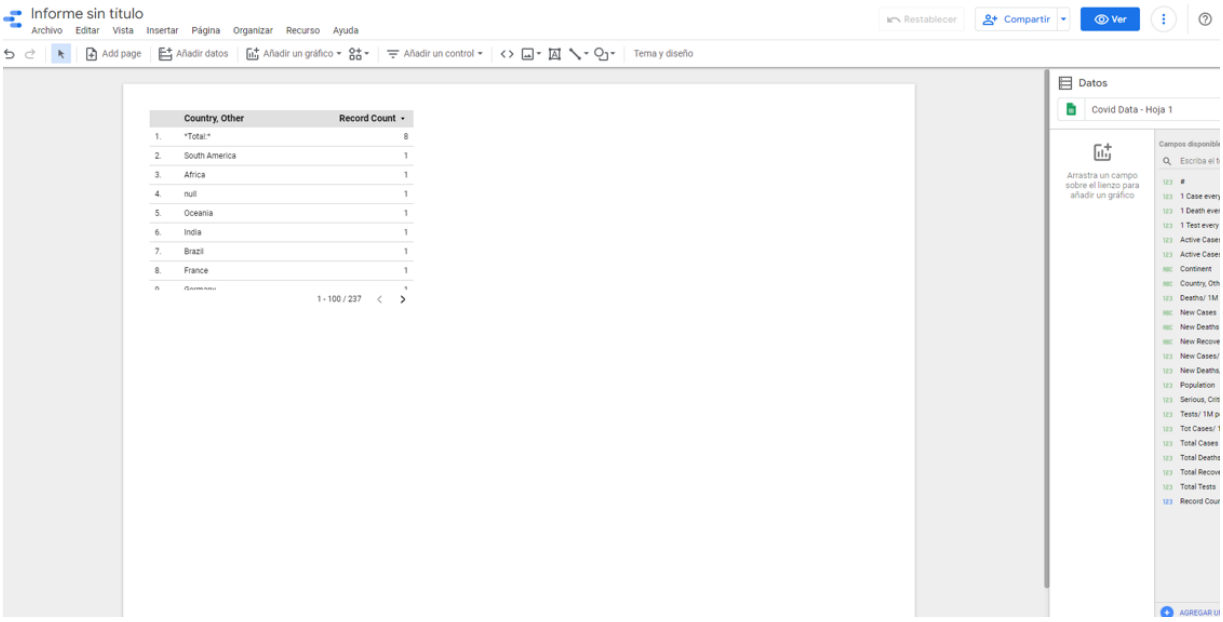
4. Ocultar las filas no deseadas en la hoja



5.Desmarcar la opción "Incluir celdas ocultas y filtradas" y luego hacer click en Añadir reporte o Conectar

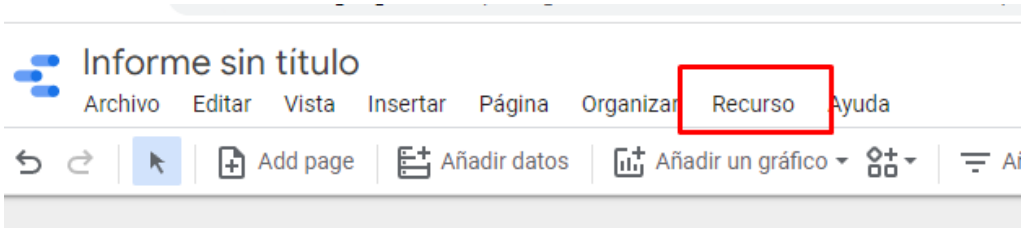

Opciones
Usar la primera fila como encabezados
Incluir las celdas ocultas y filtradas
Los encabezados de columna deben ser únicos.
Las columnas con encabezados vacíos no se agregarán a la fuente de datos.
Intervalo opcional; p. ej., A1:B52
Cancelar
Añadir

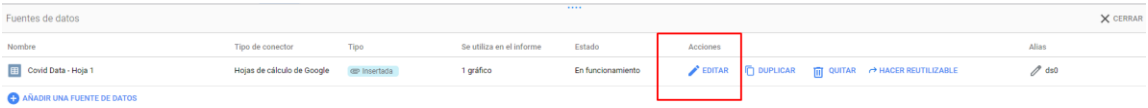

Va a añadir datos a este informe
Covid Data - Hoja 1
Tenga en cuenta que los editores de informes pueden crear gráficos con las nuevas fuentes de datos y añadir dimensiones y métricas que no se incluyen actualmente en el informe.
No volver a mostrar
CANCELAR
AÑADIR AL INFORME


Informe sin título
Archivo Editar Vista Insertar Página Organizar Recurso Ayuda
Restablecer
Compartir
Ver
Add page
Añadir datos
Añadir un gráfico
Añadir un control
Tema y diseño
Country, Other
Record Count
1. *Total:* 8
2. South America 1
3. Africa 1
4. null 1
5. Oceania 1
6. India 1
7. Brazil 1
8. France 1
1 - 100 / 237
Datos
Covid Data - Hoja 1
Arrastra un campo sobre el lienzo para añadir un gráfico

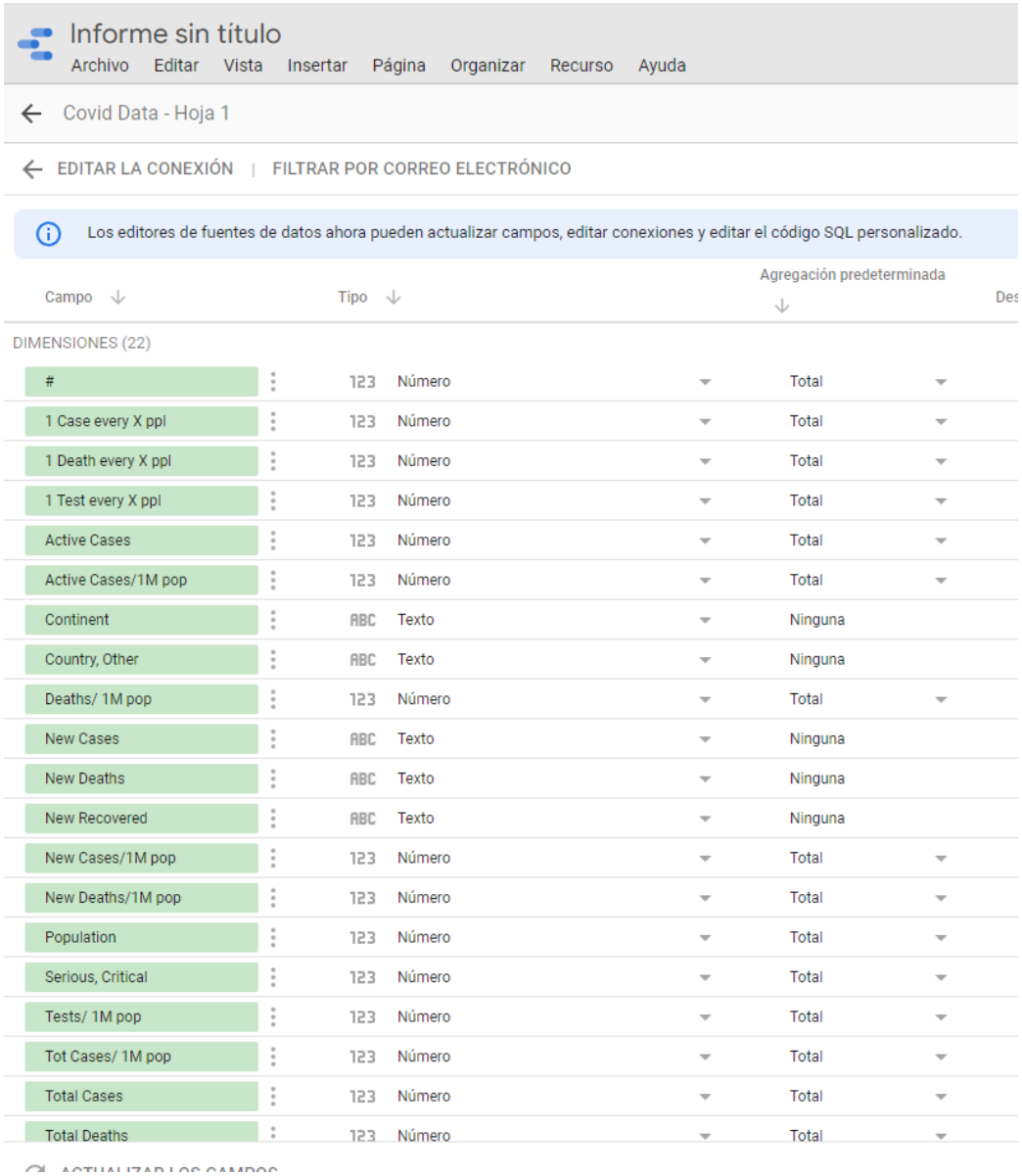
PARTE 3: AÑADIR CAMPOS AL ORIGEN DE DATOS

1. En el menú Recurso, abrir “Gestión de las fuentes de datos añadidas” y click en Editar



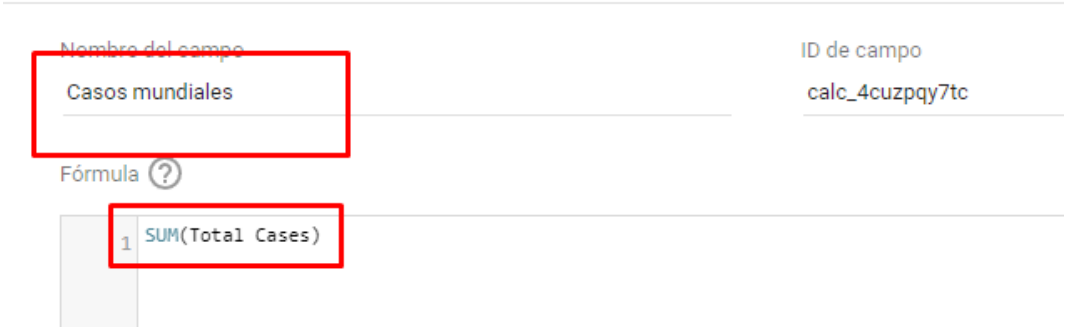


2. Verificar los datos y sus tipos de datos

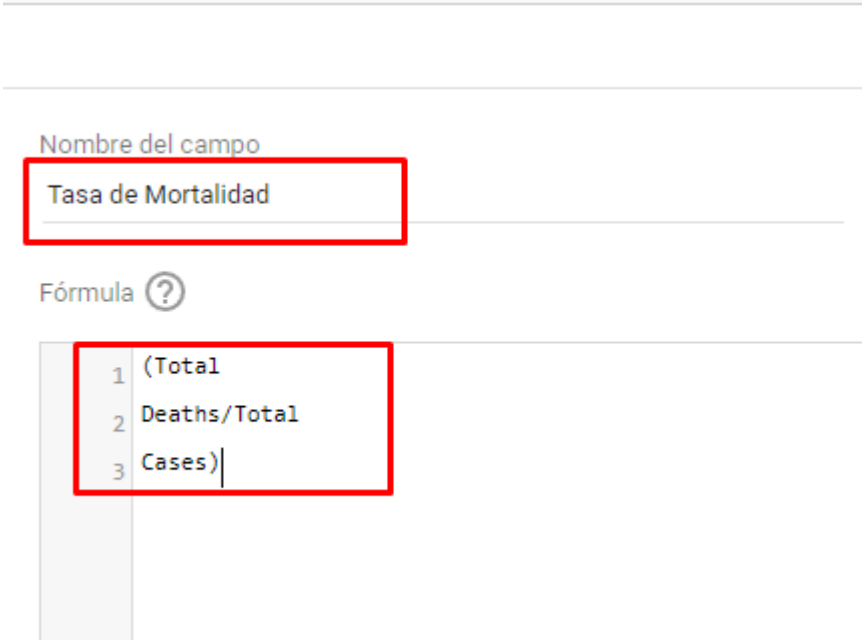


Campo	Tipo	Agregación predeterminada
#	Número	Total
1 Case every X ppl	Número	Total
1 Death every X ppl	Número	Total
1 Test every X ppl	Número	Total
Active Cases	Número	Total
Active Cases/1M pop	Número	Total
Continent	Texto	Ninguna
Country, Other	Texto	Ninguna
Deaths/ 1M pop	Número	Total
New Cases	Texto	Ninguna
New Deaths	Texto	Ninguna
New Recovered	Texto	Ninguna
New Cases/1M pop	Número	Total
New Deaths/1M pop	Número	Total
Population	Número	Total
Serious, Critical	Número	Total
Tests/ 1M pop	Número	Total
Tot Cases/ 1M pop	Número	Total
Total Cases	Número	Total
Total Deaths	Número	Total

3. Deshabilitar el campo Conteo o cantidad de registros o filas
4. Crear dos nuevos Campos
a) Casos mundiales. Formula SUM(Total Cases)



b) Tasa de Mortalidad. Formula (Total deaths/ Total cases)



PASO 4: CREAR DIFERENTES DASHBOARDS

	Country, Other	Tasa de Mortalidad	Casos mundiales
1.	Zimbabwe	0.022099492188763465	247.336
2.	Zambia	0.01246861662063771	318.640
3.	Yemen	0.18175664240988323	11.818
4.	World	0.012284346797124463	507.525.154
5.	Western Sahara	0.1	10
6.	Wallis and Futuna	0.015418502202643172	454
7.	Vietnam	0.004092514322657554	10.502.590
8.	Venezuela	0.01092603092388556	522.056
9.	Vatican City	null	29
10.	Vanuatu	0.0010839269123567668	6.458
11.	Uzbekistan	0.00686686997411815	238.391
12.	Uruguay	0.008034383634283163	895.775
13.	Ukraine	0.021677186365829295	4.995.390
14.	Uganda	0.021917607835727652	164.069
15.	USA	0.012328561542465494	82.512.627
16.	UK	0.007897575431745183	21.909.509

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