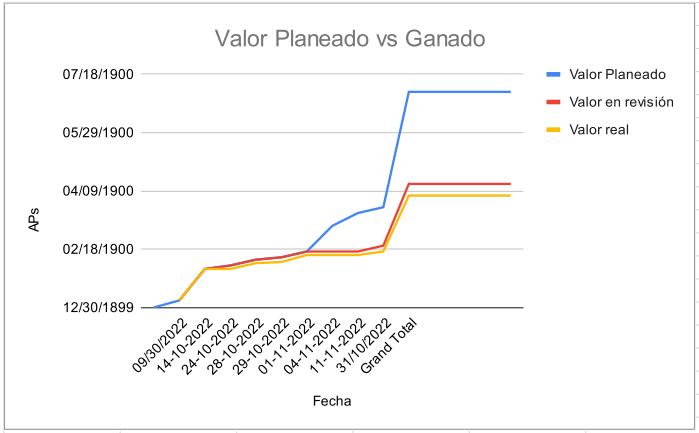
		PLAN									Monitoreo								
ID	Task	Progress	Persona asignada	APs (Tamaño)	APs acumulados	Valor planeado	Valor planeado acumulado	Costo estimado horas	costo estimado acumulado	Fecha fin planeada	APs ganados	APs ganados acumulados	Valor ganado acumulado	APs en revisión	APs en revisión acumulados	Valor en revisión acumulado	Costo real horas	costo real acumulado	Fecha fin real
	Etapa 1																		
	Iniciación				0.00				0.00			0.00			0.00			0.00	
1	Determinar objetivos del negocio	Complete	Diego	1	1.00	1.01%	1.01%	0.5	0.50	09/30/2022	1	1.00	1.01%	1	1.00	1.01%	0.33	0.33	09/30/2022
2	Evaluación de la situación	Complete	Cutberto	1	2.00	1.01%	1.01%	0.5	1.00	09/30/2022	1	2.00	2.02%	1	2.00	2.02%	0.33	0.66	09/30/2022
3	Determinar los objetivos de la minería de datos	Complete	Carolina	1	3.00	1.01%	1.01%	0.5	1.50	09/30/2022	1	3.00	3.03%	1	3.00	3.03%	0.5	1.16	09/30/2022
4	Generar plan de proyecto	Complete	Keyuan	3	6.00	3.03%	3.03%	2.0	3.50	09/30/2022	3	6.00	6.06%	3	6.00	6.06%	1.5	2.66	10/01/2022
5	Reporte de colección inicial de los datos	Complete	Cobos	2	8.00	2.02%	2.02%	1.0	4.50	14-10-2022	2	8.00	8.08%	2	8.00	8.08%	1	3.66	10/14/2022
6	Reporte de explicación de datos	Complete	Diego	2	10.00	2.02%	2.02%	1.0	5.50	14-10-2022	2	10.00	10.10%	2	10.00	10.10%	1	4.66	14-10-2022
7	Reporte de exploración de datos	Complete	Cutberto	2	12.00	2.02%	2.02%	1.0	6.50	14-10-2022	2	12.00	12.12%	2	12.00	12.12%	1	5.66	14-10-2022
8	Reporte de calidad de datos	Complete	Carolina	3	15.00	3.03%	3.03%	2.0	8.50	14-10-2022	3	15.00	15.15%	3	15.00	15.15%	1	6.66	14-10-2022
9	Análisis de dataset	Complete	Keyuan	3	18.00	3.03%	3.03%	2.0	10.50	14-10-2022	3	18.00	18.18%	3	18.00	18.18%	0.5	7.16	10/16/2022
10	Seleccionar datos	Complete	Diego	1	19.00	1.01%	1.01%	0.5	11.00	14-10-2022	1	19.00	19.19%	1	19.00	19.19%	0.5	7.66	10/17/2022
11	Limpiar datos	Complete	Cutberto	5	24.00	5.05%	5.05%	4.0	15.00	14-10-2022	5	24.00	24.24%	5	24.00	24.24%	1	8.66	10/18/2022
12	Construir datos	Complete	Keyuan	5	29.00	5.05%	5.05%	4.0	19.00	14-10-2022	5	29.00	29.29%	5	29.00	29.29%	0.5	9.16	10/20/2022
13	Integrar datos	Complete	Carolina	2	31.00	2.02%	2.02%	1.0	20.00	14-10-2022	2	31.00	31.31%	2	31.00	31.31%	1	10.16	10/22/2022
14	Dar formato a los datos	Complete		2	33.00	2.02%	2.02%	1.0	21.00	14-10-2022	2	33.00	33.33%	2	33.00	33.33%	0.5	10.66	10/23/2022
	Crear script para dividir los datos en 5	Complete	Cutberto	3	36.00	3.03%	3.03%	2.0	23.00	24-10-2022		33.00	33.33%	3	36.00	36.36%	0.5	11.16	26-10-2022
15	Diseñar algoritmo para matriz de movilidad	Complete	Todes.	5	41.00	5.05%	5.05%	4.0	27.00	28-10-2022	5	38.00	38.38%	5	41.00	41.41%	0.5	11.66	28-10-2022
	Probar algoritmo en dataset pequeño	Complete	Cutberto	2	43.00	2.02%	2.02%	1.0	28.00	29-10-2022	1	39.00	39.39%	2	43.00	43.43%	0.5	12.16	29-10-2022
	Corregir algoritmo	Complete	Todes.	5	48.00	5.05%	5.05%	4.0	32.00	31/10/2022	3	42.00	42.42%	5	48.00	48.48%	1	13.16	31-10-2022
	Crear notebook para correr algoritmo en cada split	Complete	Cutberto	3	51.00	3.03%	3.03%	2.0	34.00	01-11-2022	3	45.00	45.45%	3	51.00	51.52%	1	14.16	01-11-2022
	Obener matriz de movilidad para cada split	Complete	Todes.	2	53.00	2.02%	2.02%	1.0	35.00	01-11-2022	3	48.00	48.48%	2	53.00	53.54%	1	15.16	01-11-2022
16	Generar reporte de la matriz	Upcoming		3	56.00	3.03%	3.03%	2.0	37.00	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
17	Seleccionar tecnica de modelado	In progress		2	58.00	2.02%	2.02%	1.0	38.00	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
18	Generar test	Upcoming		1	59.00	1.01%	1.01%	0.5	38.50	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
19	Construir modelo	Upcoming		3	62.00	3.03%	3.03%	2.0	40.50	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
20	Evaluar modelo	Upcoming		2	64.00	2.02%	2.02%	1.0	41.50	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
21	Ajustes y análisis de los datos	Upcoming		3	67.00	3.03%	3.03%	2.0	43.50	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
22	Seleccionar técnica de modelado 2	Upcoming		2	69.00	2.02%	2.02%	1.0	44.50	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
23	Generar test 2	Upcoming		1	70.00	1.01%	1.01%	0.5	45.00	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
24	Construir modelo 2	Upcoming		3	73.00	3.03%	3.03%	2.0	47.00	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
25	Evaluar modelo 2	Upcoming		2	75.00	2.02%	2.02%	1.0	48.00	04-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
26	Ajustes y análisis de los datos 2	Upcoming		3	78.00	3.03%	3.03%	2.0	50.00	11-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
27	Seleccionar técnica de modelado 3	Upcoming		2	80.00	2.02%	2.02%	1.0	51.00	11-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
28	Generar test 3	Upcoming		1	81.00	1.01%	1.01%	0.5	51.50	11-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
29	Construir modelo 3	Upcoming		3	84.00	3.03%	3.03%	2.0	53.50	11-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
30	Evaluar modelo 3	Upcoming		2	86.00	2.02%	2.02%	1.0	54.50	11-11-2022	0	48.00	48.48%	0	53.00	53.54%		15.16	
31	Despliegue	Upcoming		13	99.00	13.13%	13.13%	12.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
32					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
33					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
34					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
35					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
36					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
37					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
38					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
39					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
40					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
41					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
42					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
43					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
44					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
45					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
46					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
47					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
48					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
49					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
50					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
51					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
52					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
53					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
54					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
55					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
56					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
57					99.00	0.00%	0.00%	0.0	66.50		0	48.00	48.48%	0	53.00	53.54%		15.16	
								Estimación	2.675675676									0.2526666667	
								Estimación x2	5.351351351										
								Estimación x3	8.027027027										

Aps	Horas
1	0.5
2	1.0
3	2.0
5	4.0
8	8.0
13	12.0

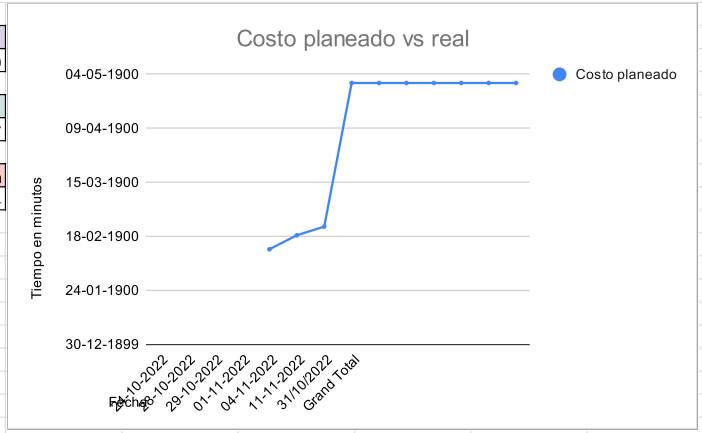
Revisar entradas y salidas del depto



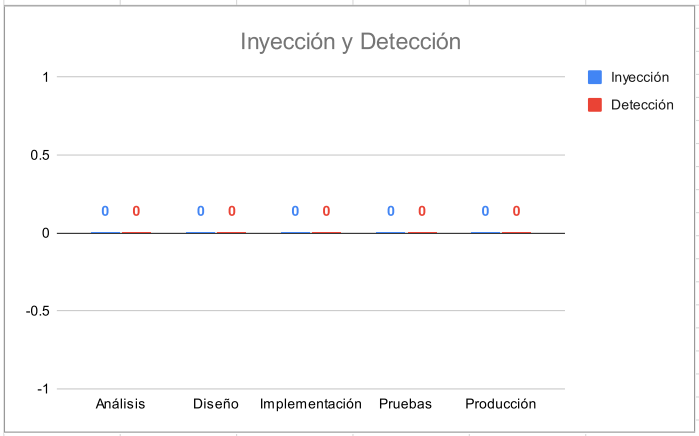
CPI
30-12-1899

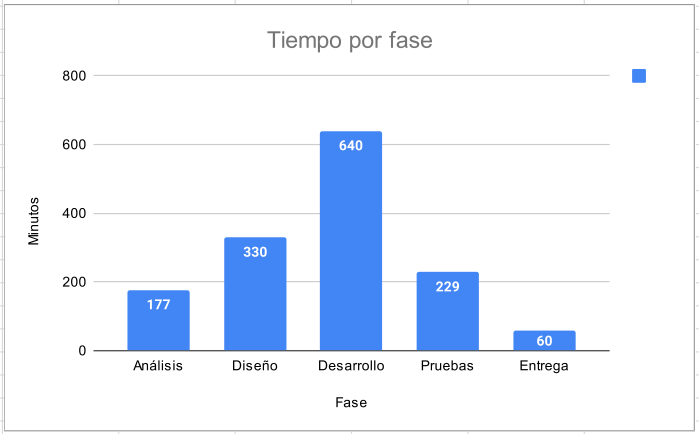
SPI
0.57

Error estimación
74.94



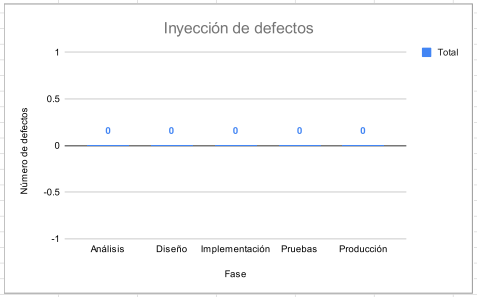
	CPI	SPI
26/05/2022	0.76	1.00
27/05/2022	0.51	1.00
28/05/2022	0.49	1.00
29/05/2022	0.43	1.00
30/05/2022	0.43	1.00
31/05/2022	0.46	1.00
01/06/2022	0.32	0.69
02/06/2022	0.28	0.59
03/06/2022	0.28	0.62
04/06/2022	0.25	0.57
05/06/2022	0.25	0.57
06/06/2022	0.25	0.57
07/06/2022	0.25	0.57
08/06/2022	0.25	0.57
09/06/2022	0.25	0.57
10/06/2022	0.25	0.57

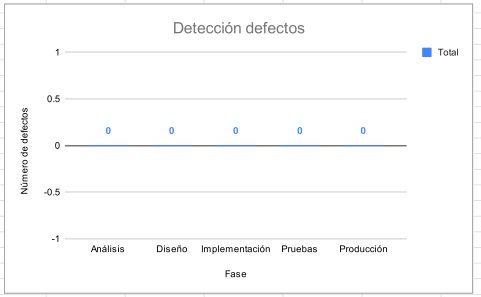


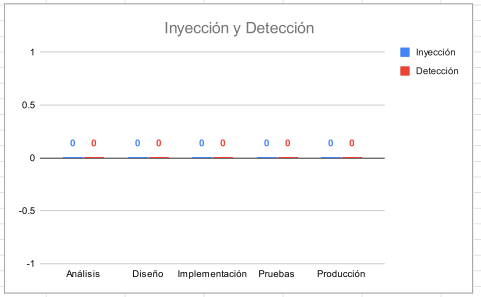


ID	Nombre Defecto	Costo en minutos	Severidad	Fase de Inyección	Fase de Detección	Tipo	Estado
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							

	Inyección	Detección
Análisis	0	0
Diseño	0	0
Implementación	0	0
Pruebas	0	0
Producción	0	0







Persona	Lunes	Martes	Miercoles	Jueves	Viernes	Sábado	Domingo	Total
Carolina	2	2	1	2	1	3	0	11
Diego Arturo Padilla Domínguez	2	1	1	2	2	3	0	11
Jose Pablo Cobos	3	2	2.5	2.5	1	4	4	19
Keyuan Zhao	3	2	2	3	0	6	4	20
Cutberto Arizabalo Nava	2	1	1	1	2	4	0	11
50% de la capac	5	3.5	3.25	4.75	2	8	4	36
Total	10	7	6.5	9.5	4	16	8	72
	300	210	195	285	120	480	240	

	Horas
horas de trabajo	180
no horas hombre	360
Eficiencia	42.08%

Cut			
Aps	Tmin	Tmax	Tprom
1	50	60	55
2	120	150	135
3	150	200	175
5	300	400	350
8	300	600	450
13	600	1200	900

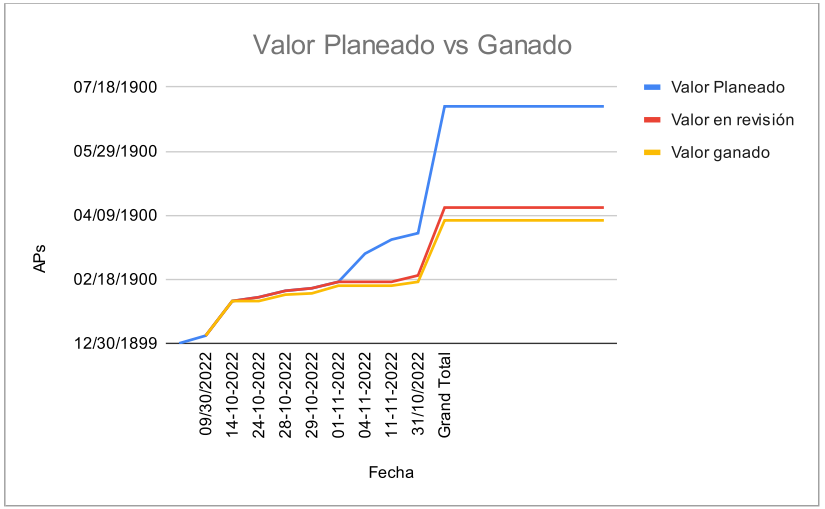
Mariana			
Aps	Tmin	Tmax	Tprom
1	30	60	40
2	40	120	80
3	60	150	120
5	240	300	260
8	480	600	520
13	720	900	780

Diego			
Aps	Tmin	Tmax	Tprom
1	10	60	40
2	60	120	100
3	90	200	150
5	180	350	300
8	320	550	450
13	500	850	700

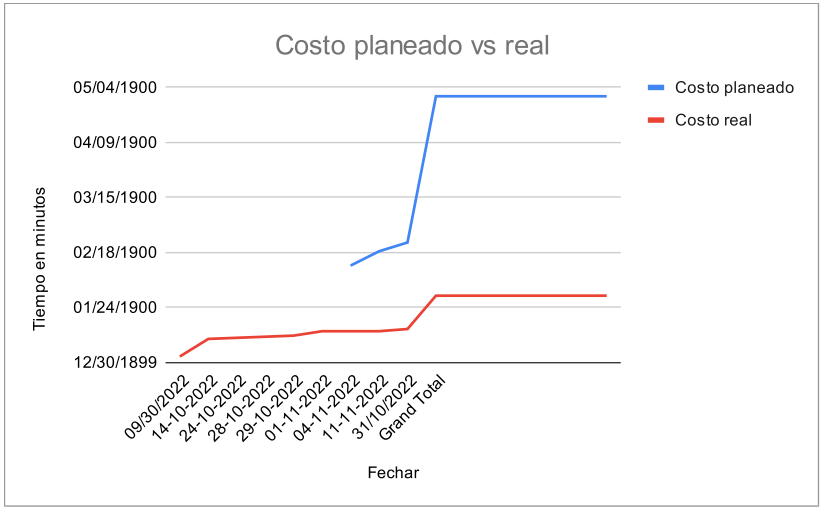
Keyuan			
Aps	Tmin	Tmax	Tprom
1	25	90	45
2	40	150	60
3	70	250	160
5	140	500	240
8	350	750	500
13	500	1000	700

Kike			
Aps	Tmin	Tmax	Tprom
1	30	60	50
2	45	120	100
3	100	300	200
5	250	500	360
8	540	750	600
13	720	900	800

Fecha fin planeada	SUM of APs (Tan	SUM of APs en r	SUM of APs gana	AP acum	AP en revisión	AP entregados
	13	30-12-1899	30-12-1899	0	0	0
09/30/2022	6	6	6	6	05-01-1900	05-01-1900
14-10-2022	27	27	27	33	01-02-1900	01-02-1900
24-10-2022	3	3	0	36	04-02-1900	01-02-1900
28-10-2022	5	5	5	41	09-02-1900	06-02-1900
29-10-2022	2	2	1	43	11-02-1900	07-02-1900
01-11-2022	5	5	6	48	16-02-1900	13-02-1900
04-11-2022	22	0	0	70	16-02-1900	13-02-1900
11-11-2022	11	0	0	81	16-02-1900	13-02-1900
31/10/2022	5	5	3	86	21-02-1900	16-02-1900
Grand Total	**99**	**21-02-1900**	**16-02-1900**	185	15-04-1900	05-04-1900
				185	15-04-1900	05-04-1900
				185	15-04-1900	05-04-1900
				185	15-04-1900	05-04-1900
				185	15-04-1900	05-04-1900
				185	15-04-1900	05-04-1900
				185	15-04-1900	05-04-1900



Fecha fin planeada	SUM of Costo es	SUM of Costo re	Costo acum	Costo real
	11-01-1900	30-12-1899		
09/30/2022	3.5	2.66	02-01-1900	01-01-1900
14-10-2022	17.5	8	20-01-1900	09-01-1900
24-10-2022	2.0	0.5	22-01-1900	10-01-1900
28-10-2022	4.0	0.5	26-01-1900	10-01-1900
29-10-2022	1.0	0.5	27-01-1900	11-01-1900
01-11-2022	3.0	2	30-01-1900	13-01-1900
04-11-2022	13.0	0	44.0	13-01-1900
11-11-2022	6.5	0	50.5	13-01-1900
31/10/2022	4.0	1	54.5	14-01-1900
Grand Total	**06-03-1900**	**14-01-1900**	121.0	29-01-1900
			121.0	29-01-1900
			121.0	29-01-1900
			121.0	29-01-1900
			121.0	29-01-1900
			121.0	29-01-1900
			121.0	29-01-1900



PV(donde debemos est	100
EV(donde estamos)	25-02-1900
AC	29-01-1900
CPI	30-12-1899

SPI	30-12-1899
Error de estimacion	14-03-1900

	01/06/2022	Anteriores medic	08/06/2022	Total
Análisis	177	105	71	353
Diseño	330	377	341	1048
Desarrollo	640	1868	1090	3598
Pruebas	229	59	675	963
Entrega	60	0	770	830