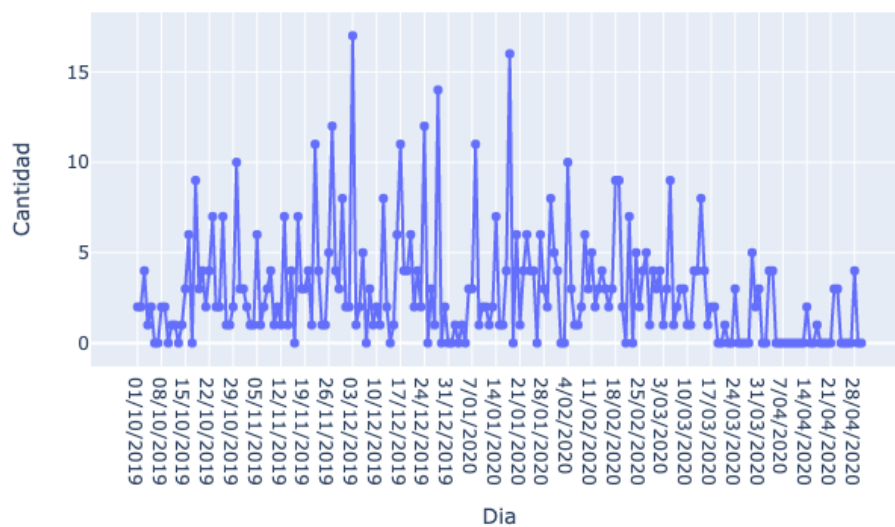
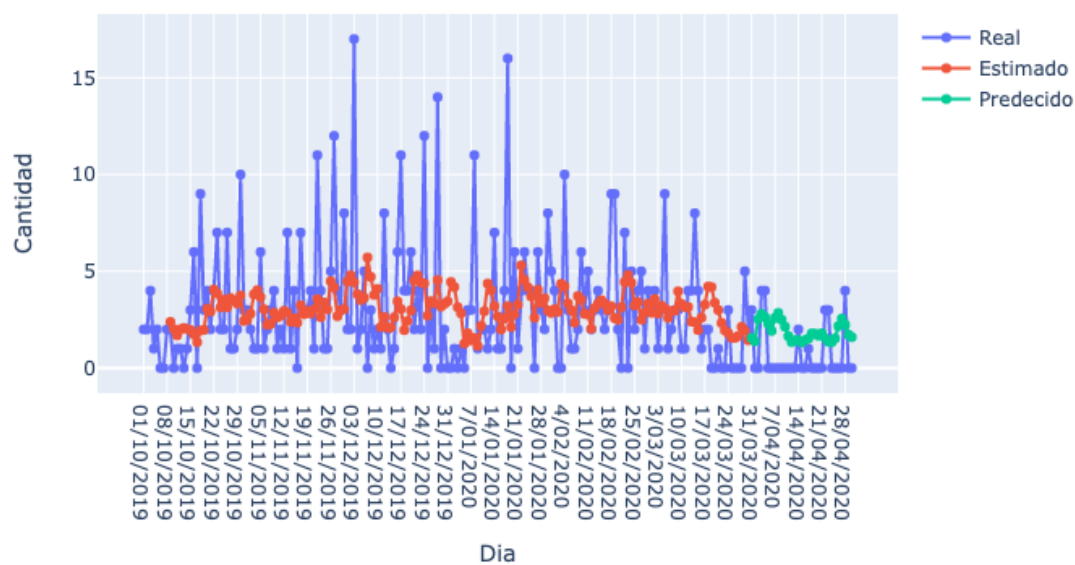


Serie 1



Predicción con Regresión Lineal Parámetros {'ventana': 8}



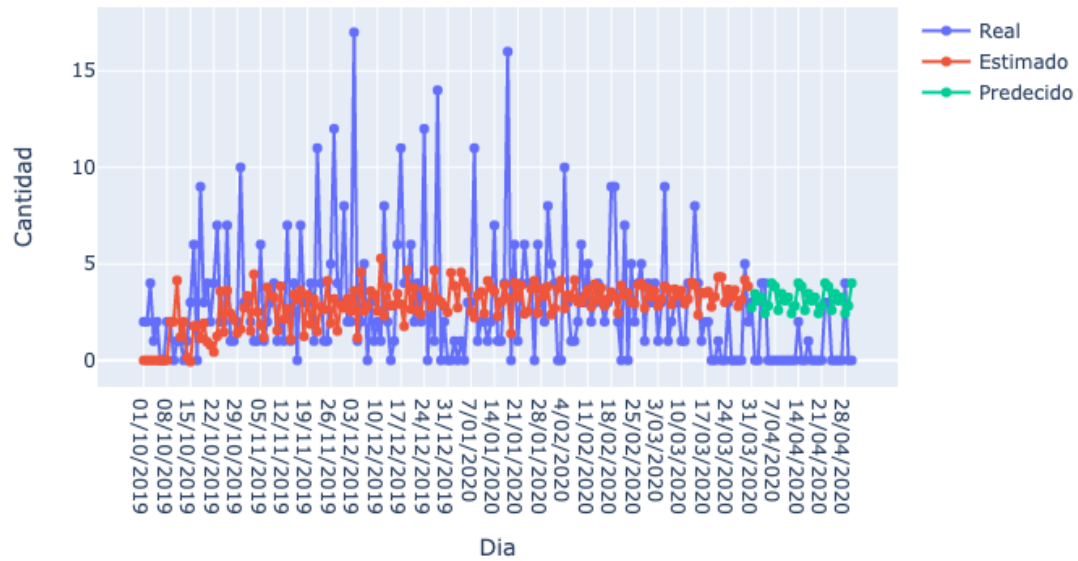
	Train	Test
MSE	10.00	3.24
RMSE	3.16	1.80
MAE	2.31	1.72
R2	0.03	-0.63

Prediccción con Holt-Winters Parámetros {'periodos': 4}



	Train	Test
MSE	11.48	5.05
RMSE	3.39	2.25
MAE	2.48	1.71
R2	-0.15	-1.55

Predicción con SARIMA Parámetros {'order': (1, 0, 0), 'seasonal_order': 8}



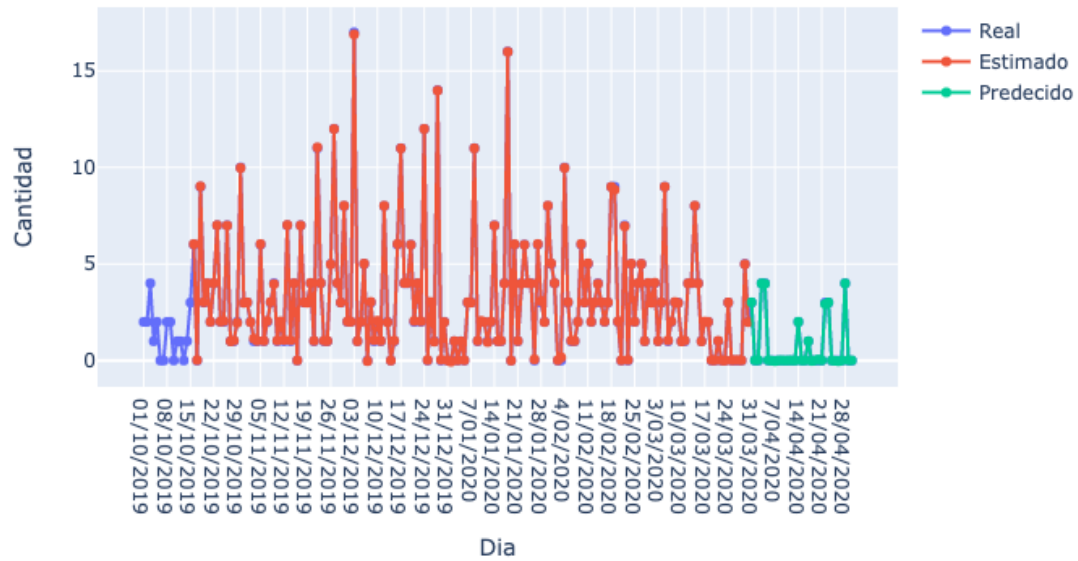
	Train	Test
MSE	11.23	8.01
RMSE	3.35	2.83
MAE	2.44	2.66
R2	-0.12	-3.04

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



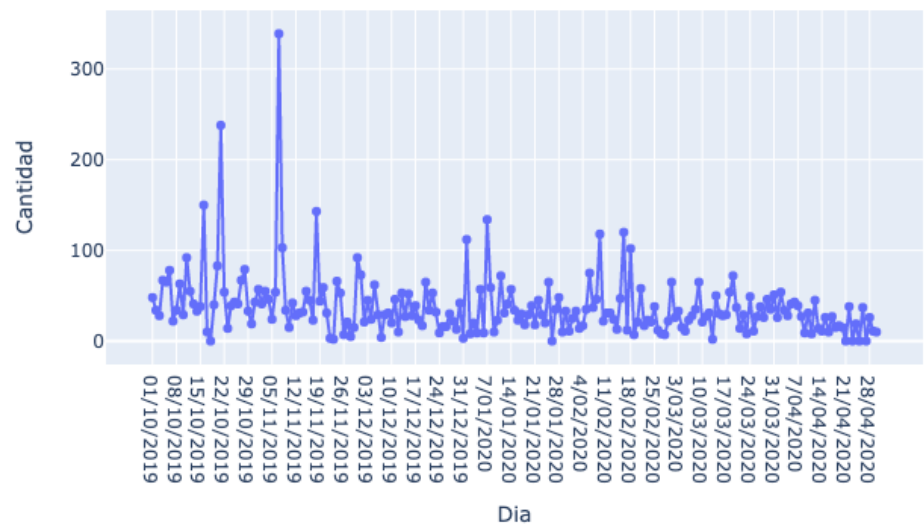
	Train	Test
MSE	1.55	1.06
RMSE	1.24	1.03
MAE	0.89	0.83
R2	0.85	0.46

Predicción con LSTM Parámetros {'neuronas': 15, 'ventana': 15, 'escalado':

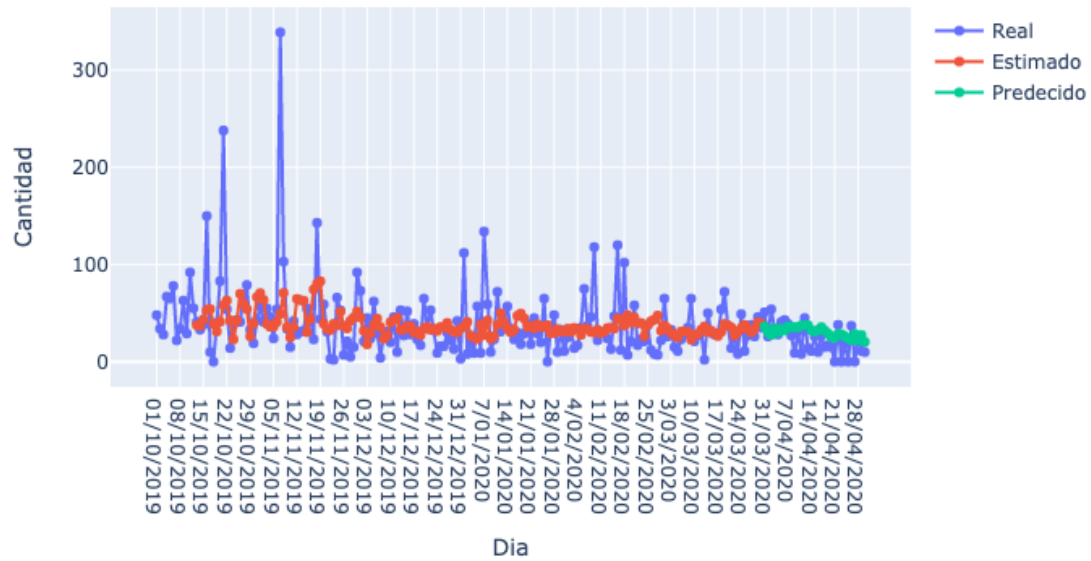


	Train	Test
MSE	0.00	0.00
RMSE	0.03	0.02
MAE	0.02	0.01
R2	1.00	1.00

Serie 2

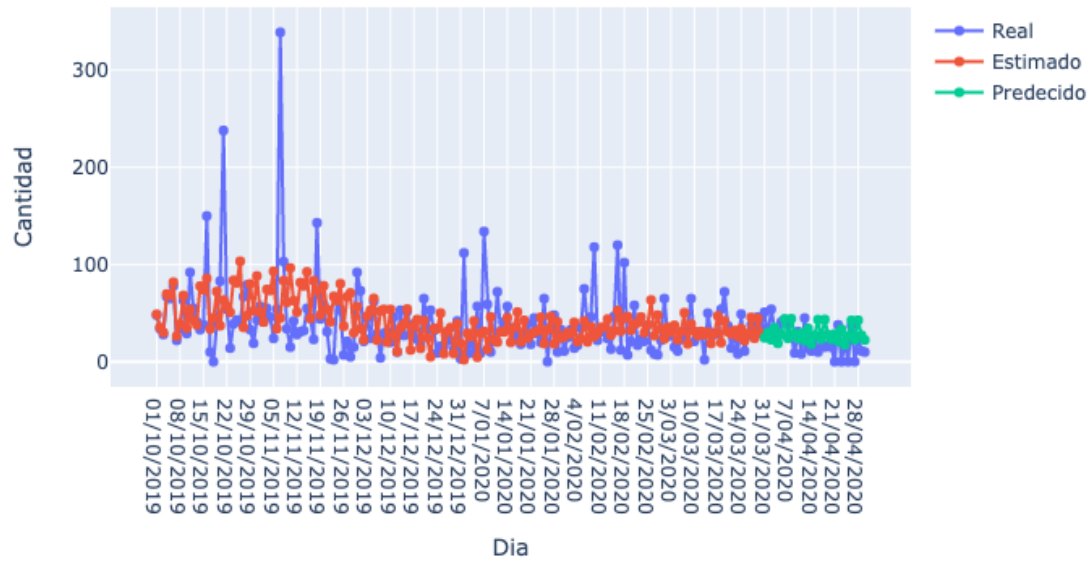


Predicción con Regresión Lineal Parámetros {'ventana': 12}



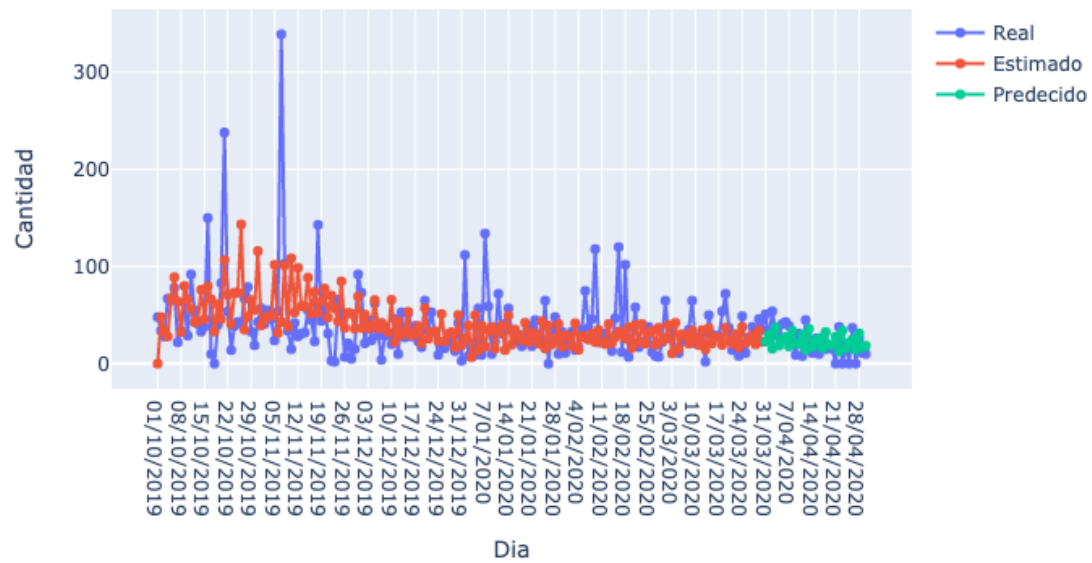
	Train	Test
MSE	1382.23	275.46
RMSE	37.18	16.60
MAE	22.20	13.93
R2	0.07	-0.17

Prediccción con Holt-Winters Parámetros {'periodos': 10}



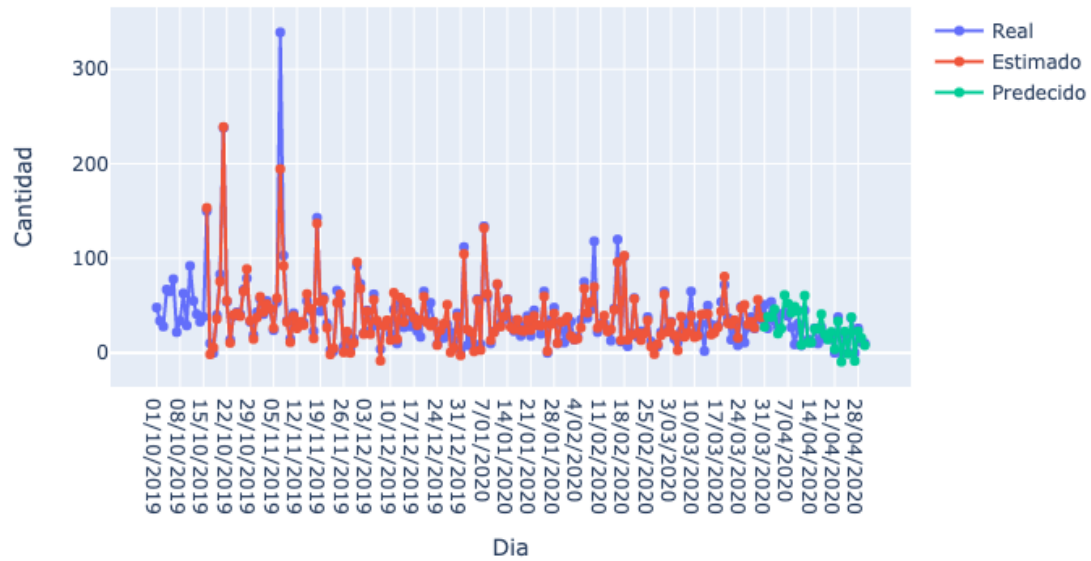
	Train	Test
MSE	1566.44	343.81
RMSE	39.58	18.54
MAE	24.82	15.60
R2	-0.10	-0.46

Predicción con SARIMA Parámetros {'order': (3, 1, 2), 'seasonal_order': 5}



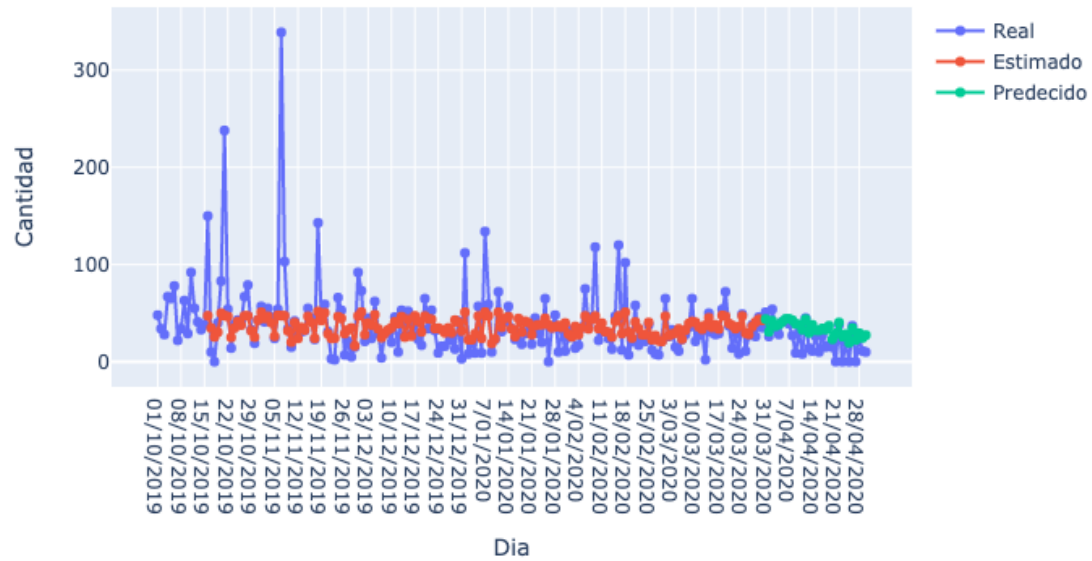
	Train	Test
MSE	1584.20	316.25
RMSE	39.80	17.78
MAE	25.23	14.77
R2	-0.11	-0.34

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



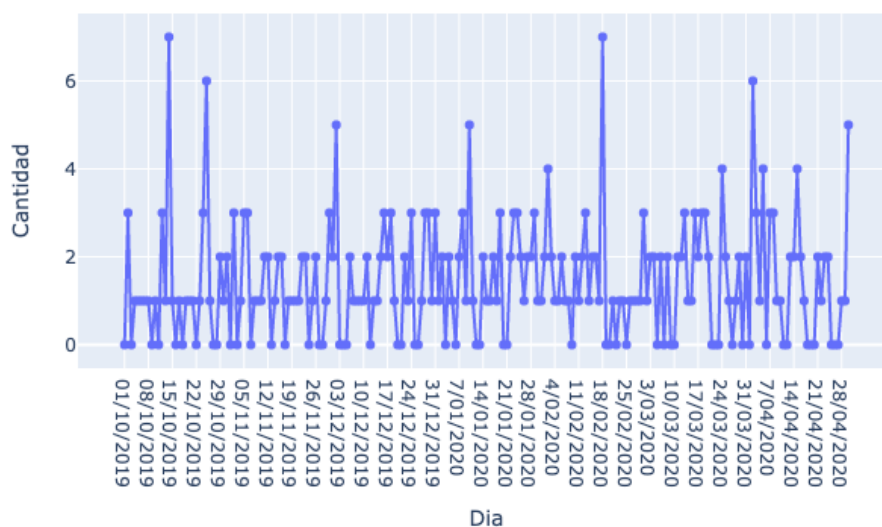
	Train	Test
MSE	218.21	159.17
RMSE	14.77	12.62
MAE	7.37	9.42
R2	0.86	0.33

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':

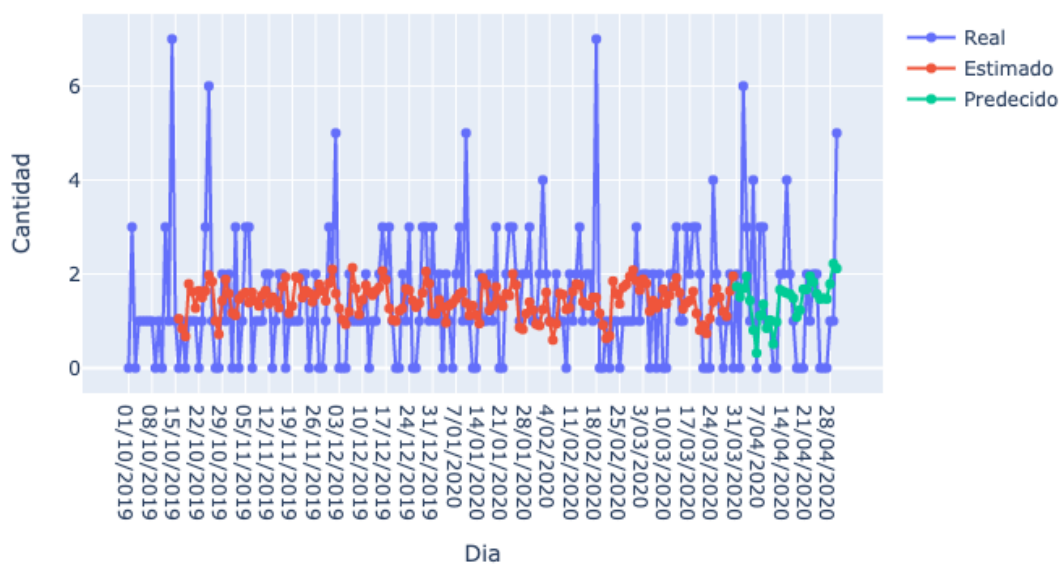


	Train	Test
MSE	1196.24	242.23
RMSE	34.59	15.56
MAE	16.74	12.63
R2	0.21	-0.03

Serie 3

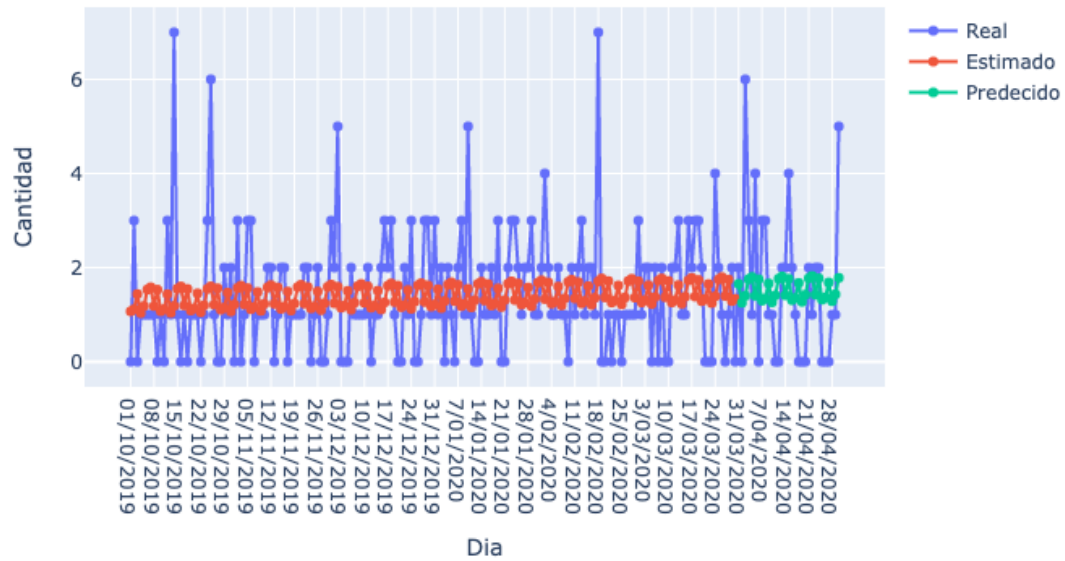


Predicción con Regresión Lineal Parámetros {'ventana': 15}



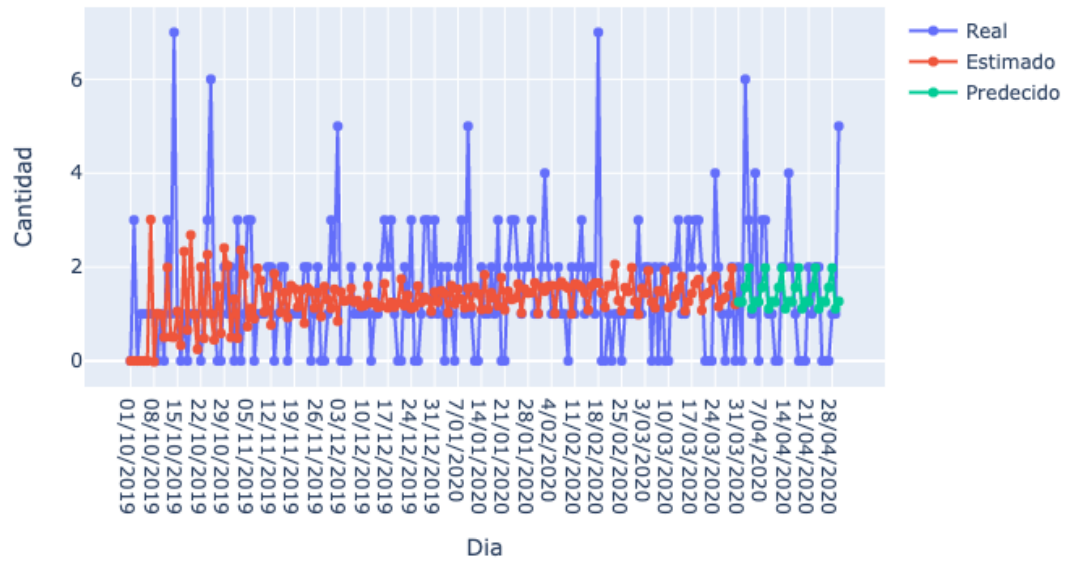
	Train	Test
MSE	1.41	2.26
RMSE	1.19	1.50
MAE	0.94	1.15
R2	0.06	0.10

Prediccción con Holt-Winters Parámetros {'periodos': 9}



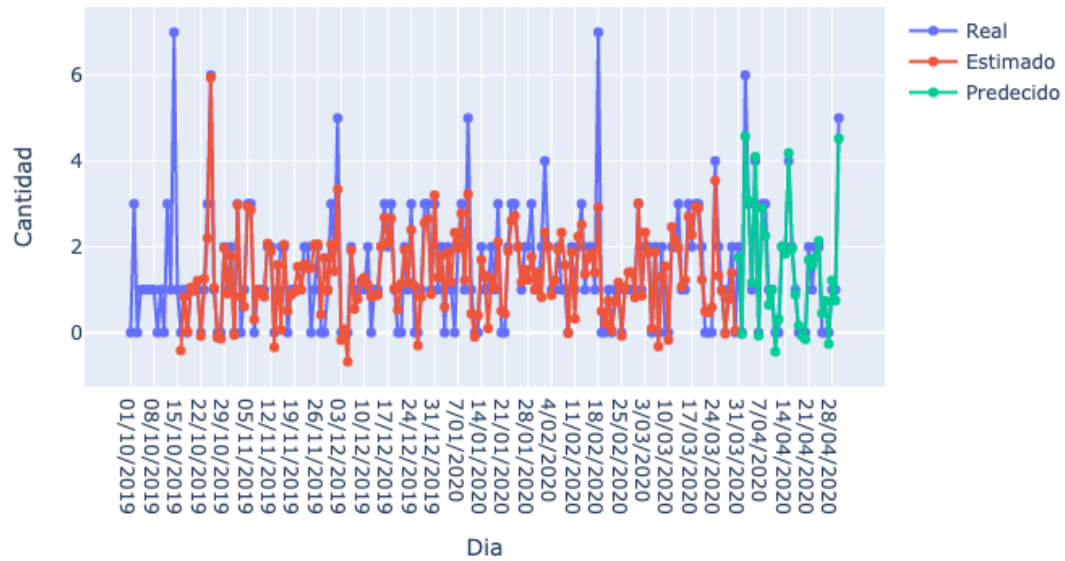
	Train	Test
MSE	1.59	2.47
RMSE	1.26	1.57
MAE	0.95	1.25
R2	0.03	0.01

Predicción con SARIMA Parámetros {'order': (1, 0, 0), 'seasonal_order': 5}



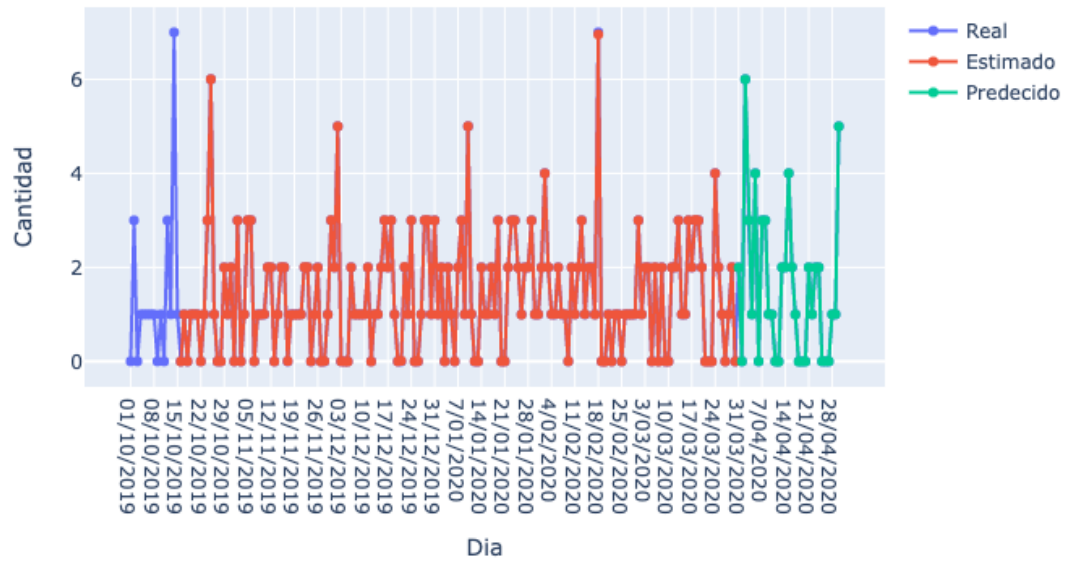
	Train	Test
MSE	1.88	2.49
RMSE	1.37	1.58
MAE	1.03	1.21
R2	-0.15	0.00

Predicción con MLP Parámetros {'neuronas': 15, 'ventana': 15, 'escalado': I



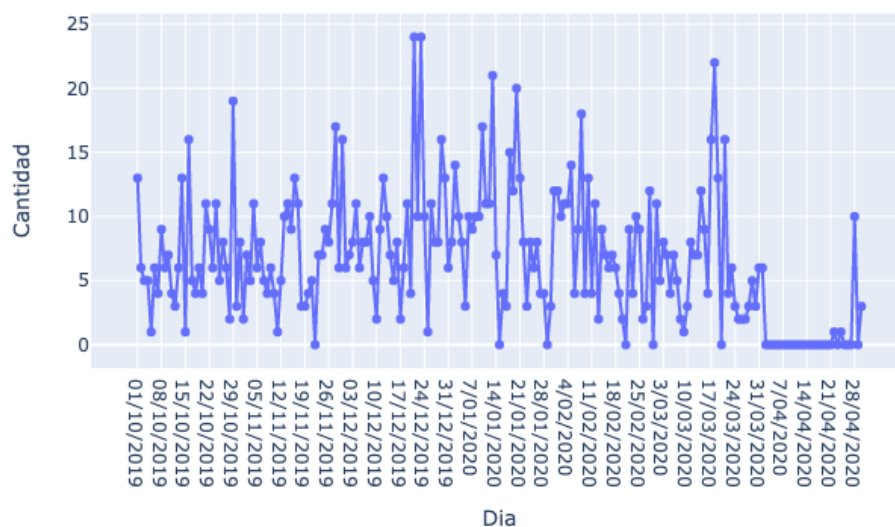
	Train	Test
MSE	0.43	0.16
RMSE	0.66	0.40
MAE	0.41	0.28
R2	0.72	0.94

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':



	Train	Test
MSE	0.00	0.00
RMSE	0.00	0.00
MAE	0.00	0.00
R2	1.00	1.00

Serie 4

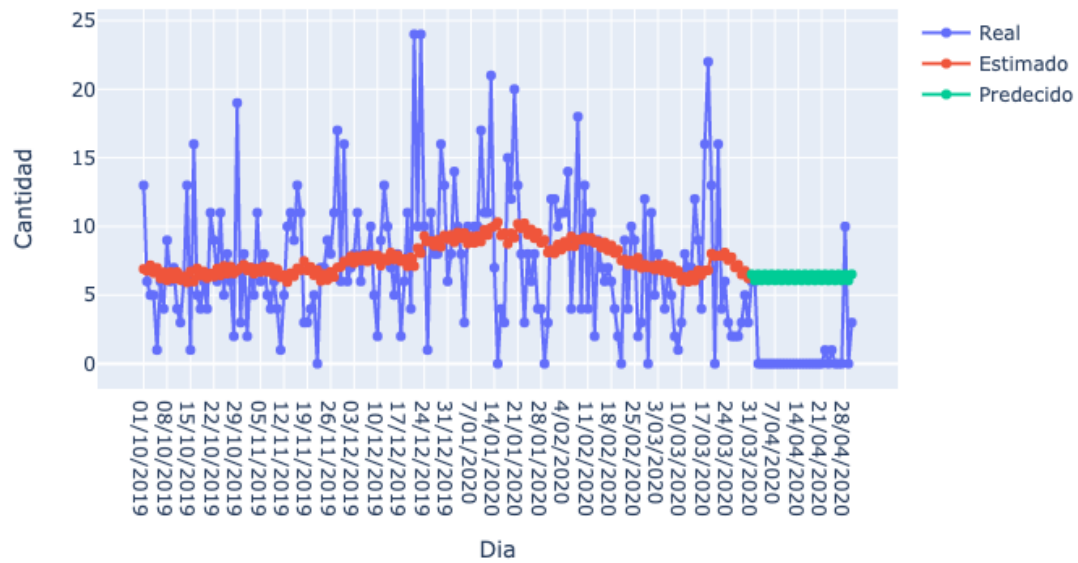


Predicción con Regresión Lineal Parámetros {'ventana': 15}



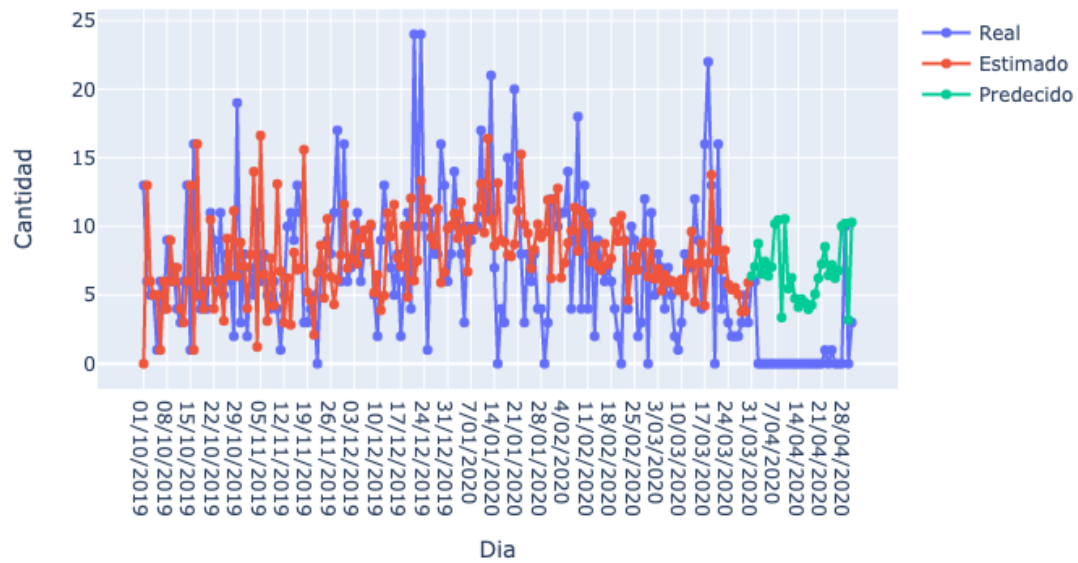
	Train	Test
MSE	21.10	7.49
RMSE	4.59	2.74
MAE	3.52	1.99
R2	0.10	-0.46

Prediccción con Holt-Winters Parámetros {'periodos': 2}



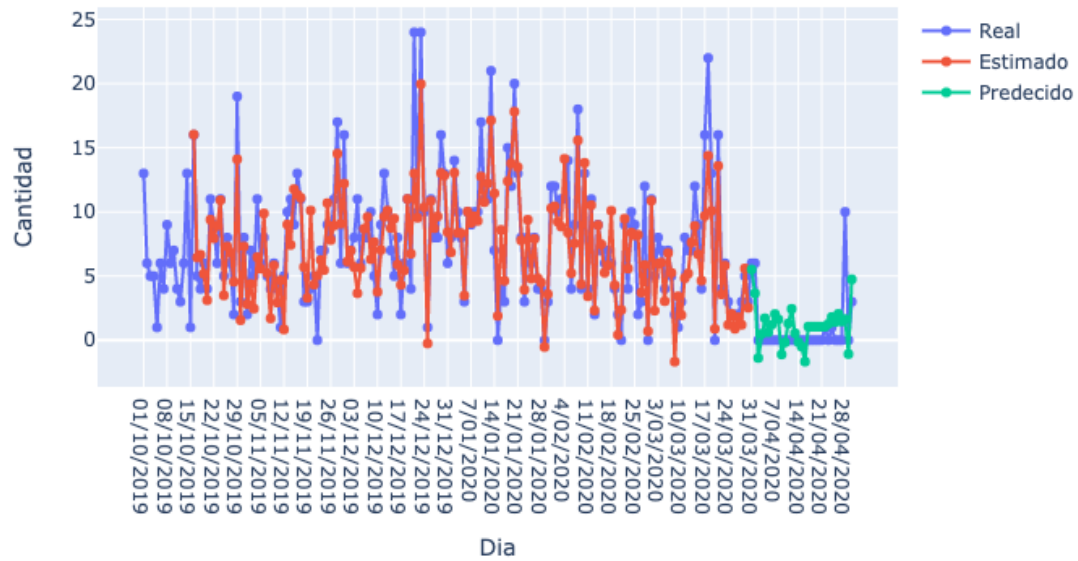
	Train	Test
MSE	22.54	34.44
RMSE	4.75	5.87
MAE	3.65	5.65
R2	0.01	-5.69

Predicción con SARIMA Parámetros {'order': (3, 1, 2), 'seasonal_order': 20}



	Train	Test
MSE	31.25	41.60
RMSE	5.59	6.45
MAE	4.28	5.89
R2	-0.37	-7.09

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



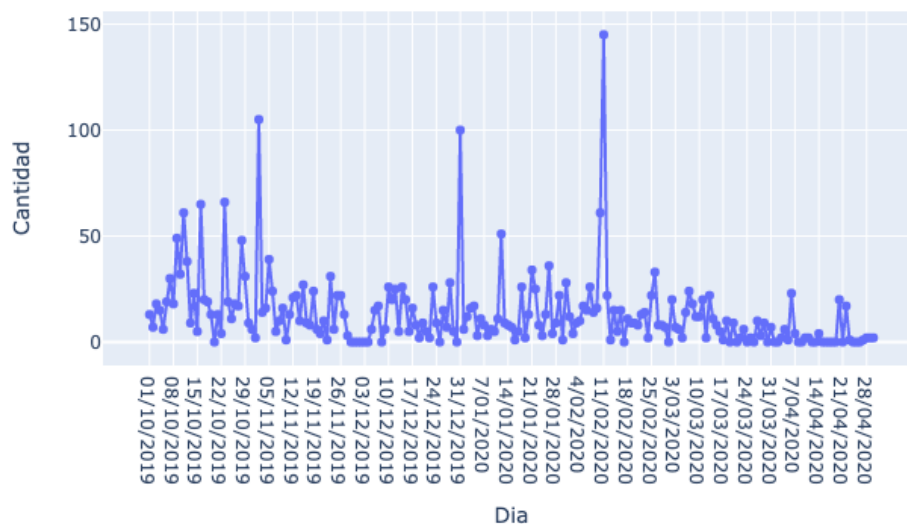
	Train	Test
MSE	6.19	3.93
RMSE	2.49	1.98
MAE	1.79	1.40
R2	0.74	0.24

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':

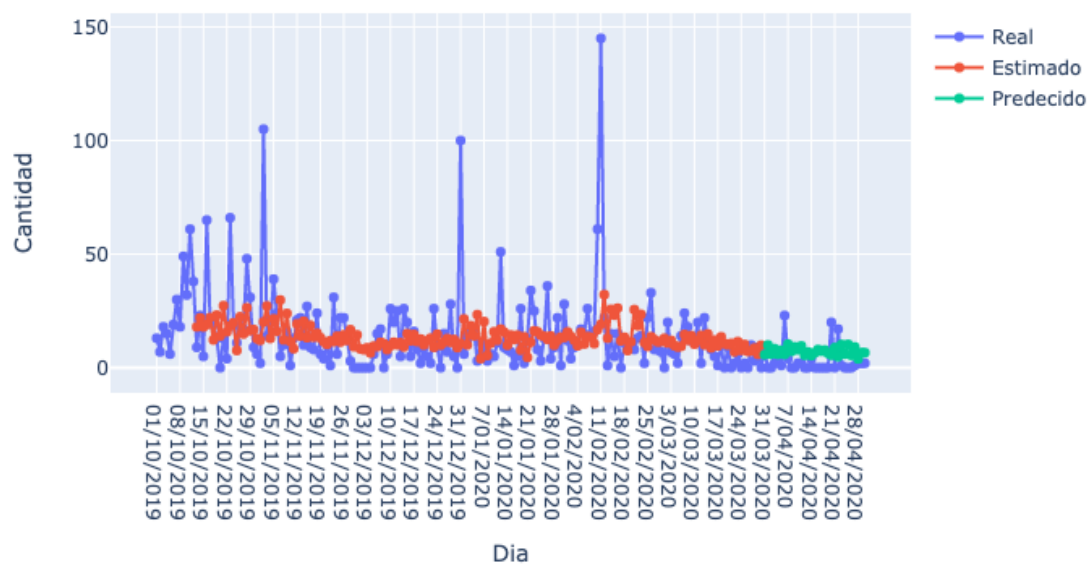


	Train	Test
MSE	0.85	0.69
RMSE	0.92	0.83
MAE	0.48	0.38
R2	0.96	0.87

Serie 5

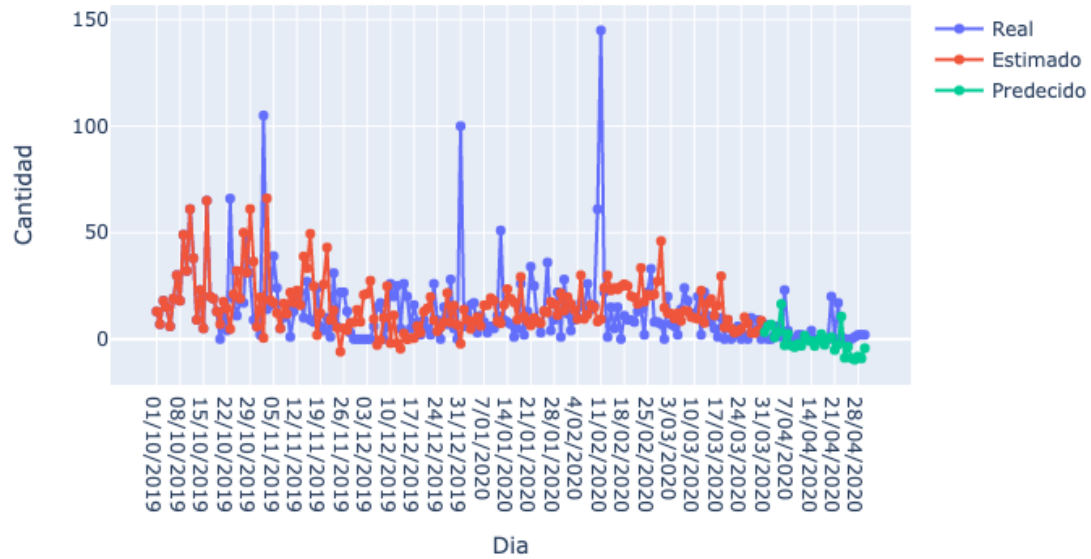


Predicción con Regresión Lineal Parámetros {'ventana': 12}



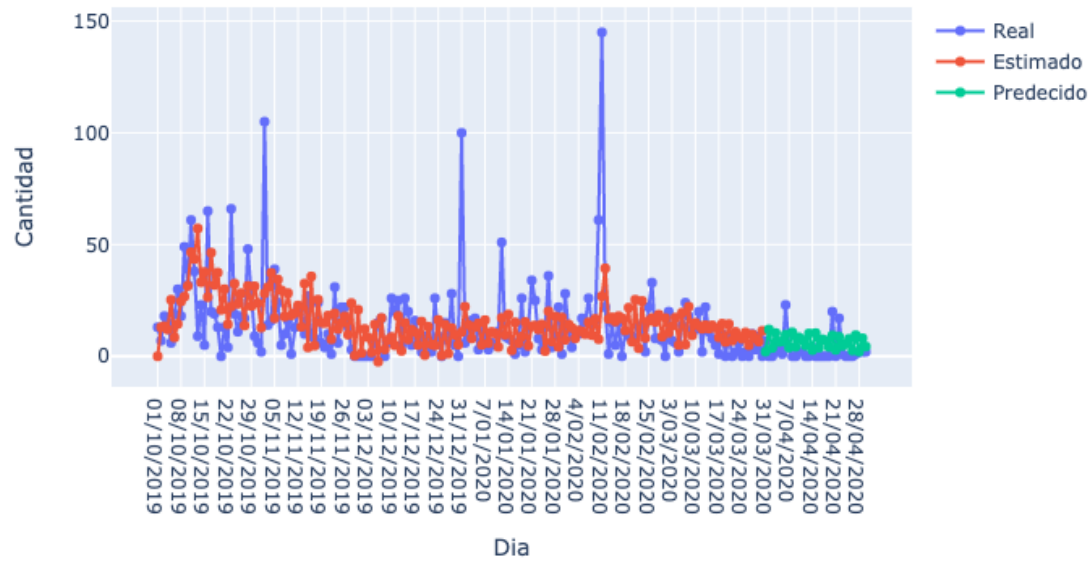
	Train	Test
MSE	317.91	62.35
RMSE	17.83	7.90
MAE	10.66	7.08
R2	0.05	-0.82

Prediccción con Holt-Winters Parámetros {'periodos': 18}



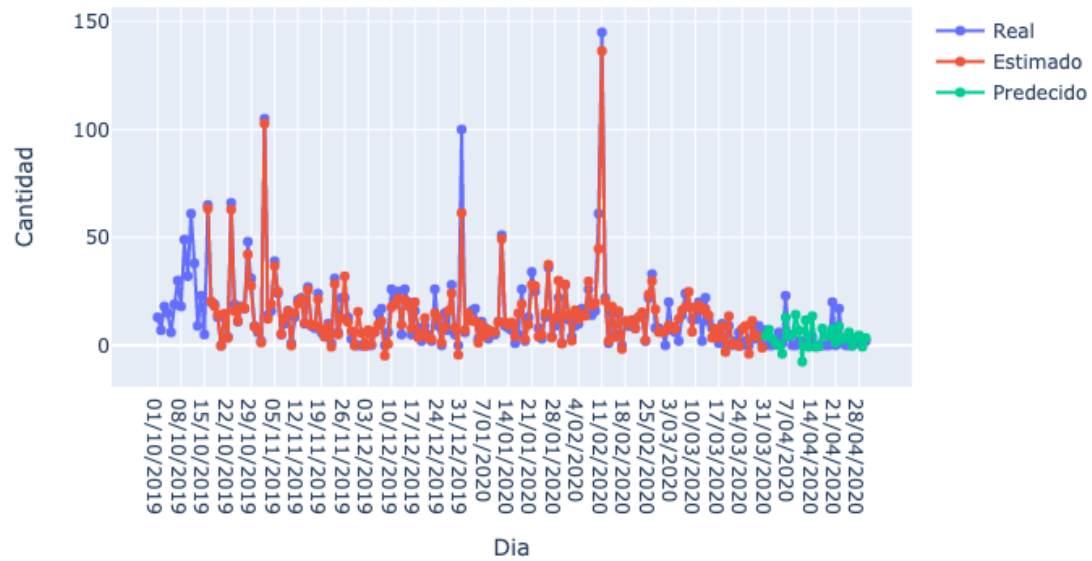
	Train	Test
MSE	455.97	82.26
RMSE	21.35	9.07
MAE	12.87	6.73
R2	-0.35	-1.40

Predicción con SARIMA Parámetros {'order': (2, 1, 4), 'seasonal_order': 2}



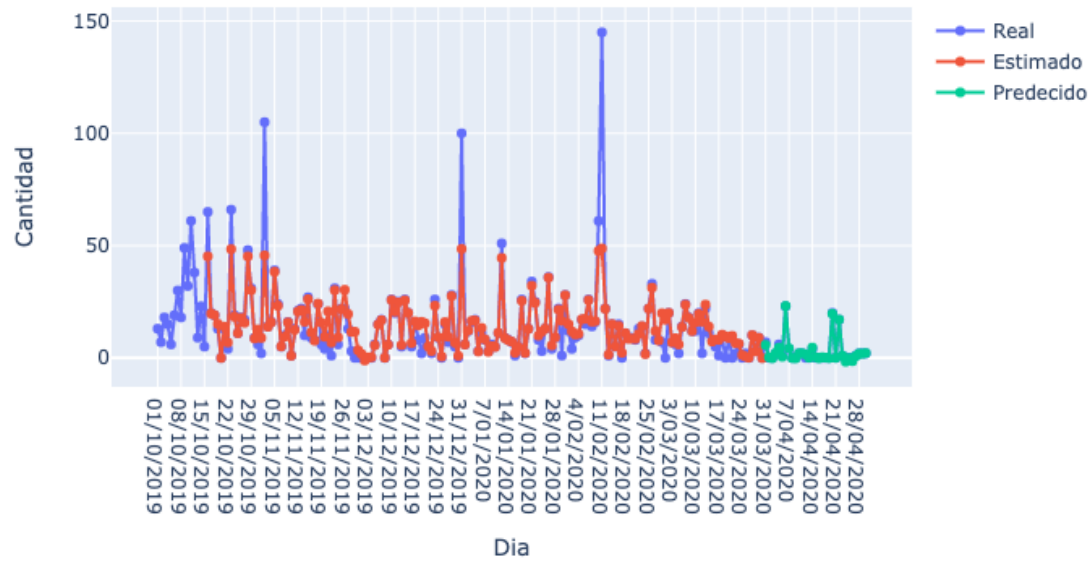
	Train	Test
MSE	28.20	38.94
RMSE	5.31	6.24
MAE	3.40	4.89
R2	0.92	-0.13

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



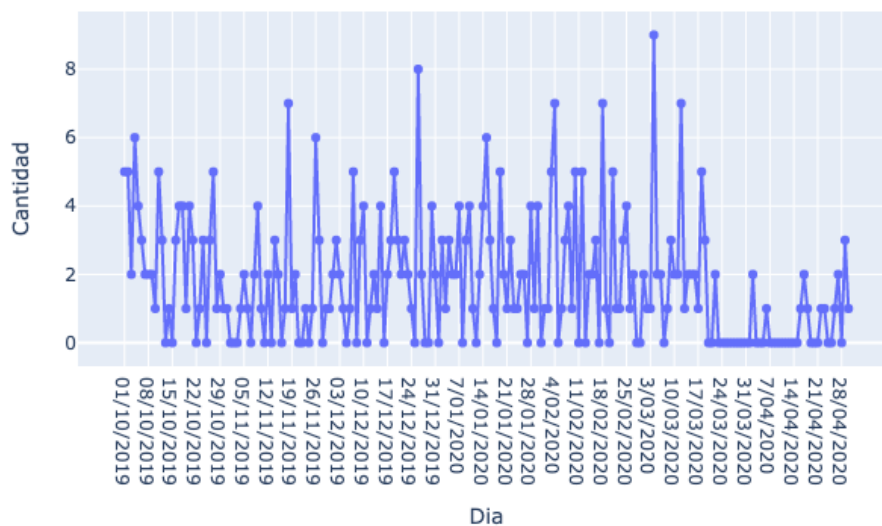
	Train	Test
MSE	334.89	47.13
RMSE	18.30	6.87
MAE	11.84	5.91
R2	0.01	-0.37

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':

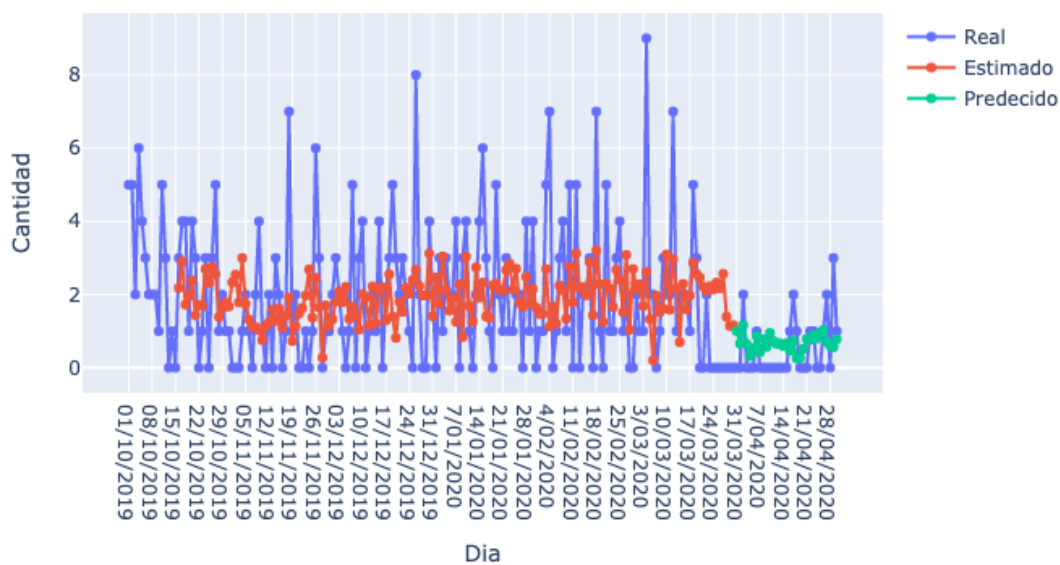


	Train	Test
MSE	112.92	0.40
RMSE	10.63	0.64
MAE	3.56	0.39
R2	0.67	0.99

Serie 6



Predicción con Regresión Lineal Parámetros {'ventana': 15}



	Train	Test
MSE	3.23	0.65
RMSE	1.80	0.81
MAE	1.41	0.68
R2	0.08	-0.02

Prediccción con Holt-Winters Parámetros {'periodos': 10}



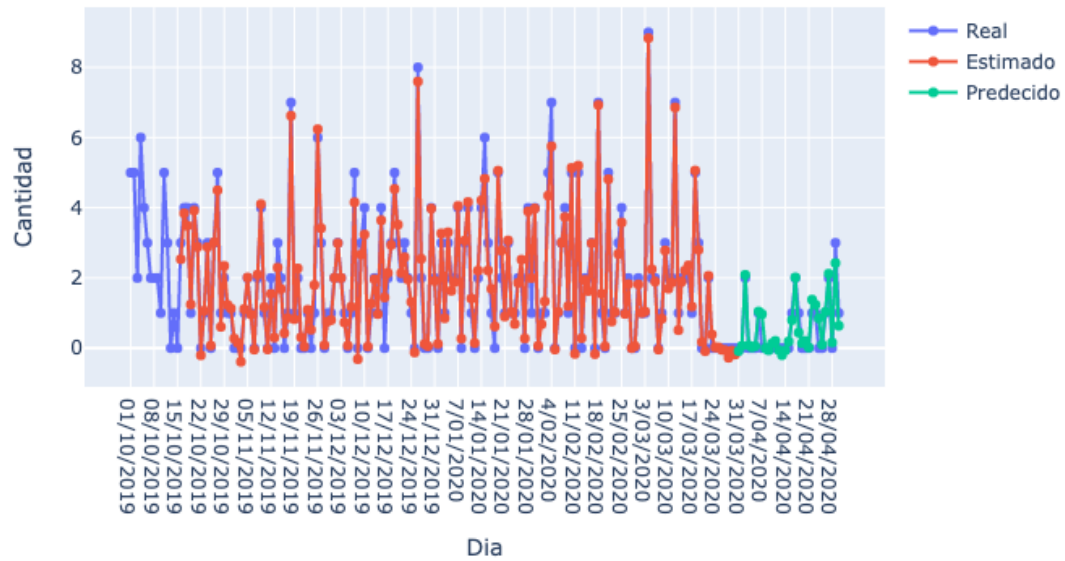
	Train	Test
MSE	4.25	1.85
RMSE	2.06	1.36
MAE	1.57	1.07
R2	-0.19	-1.90

Predicción con SARIMA Parámetros {'order': (2, 1, 3), 'seasonal_order': 5}



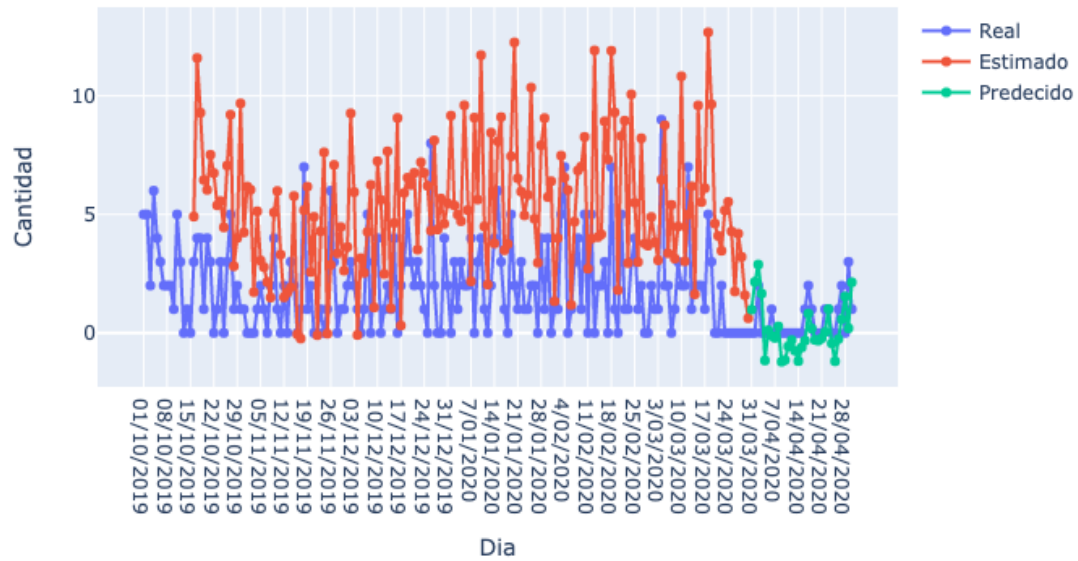
	Train	Test
MSE	4.14	1.06
RMSE	2.03	1.03
MAE	1.54	0.90
R2	-0.16	-0.66

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



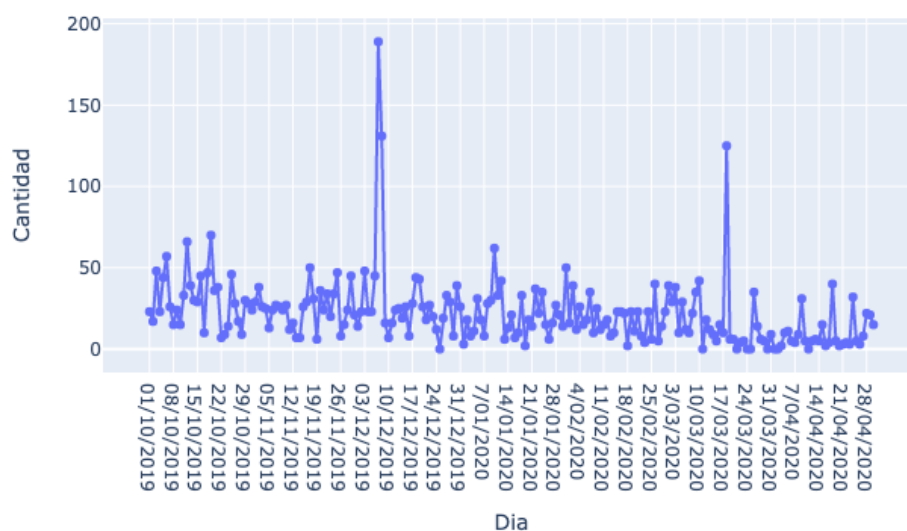
	Train	Test
MSE	0.12	0.10
RMSE	0.34	0.31
MAE	0.24	0.20
R2	0.97	0.85

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':



	Train	Test
MSE	19.80	1.26
RMSE	4.45	1.12
MAE	3.73	0.94
R2	-4.61	-0.98

Serie 7

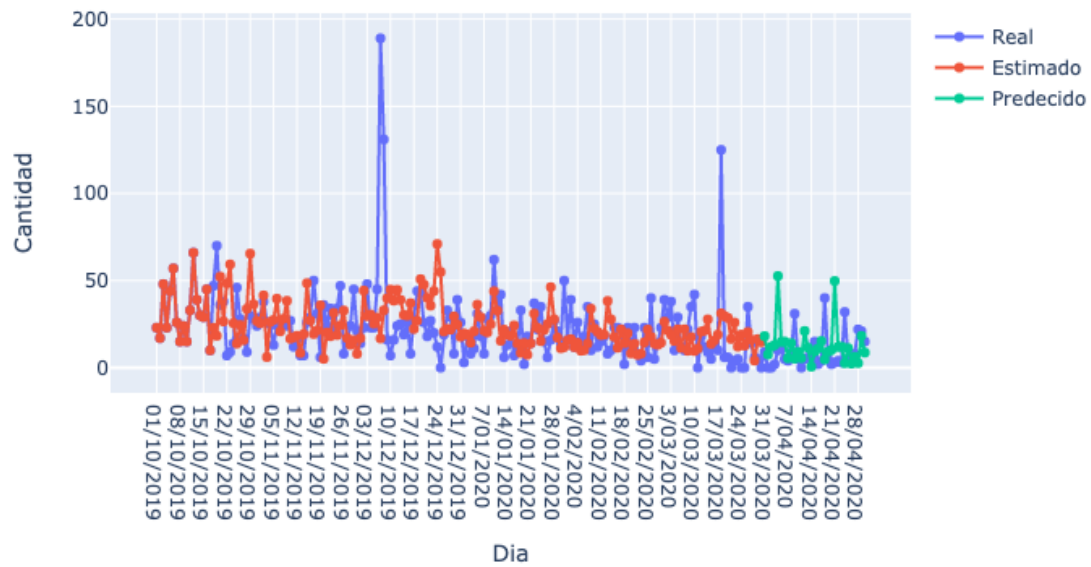


Predicción con Regresión Lineal Parámetros {'ventana': 15}



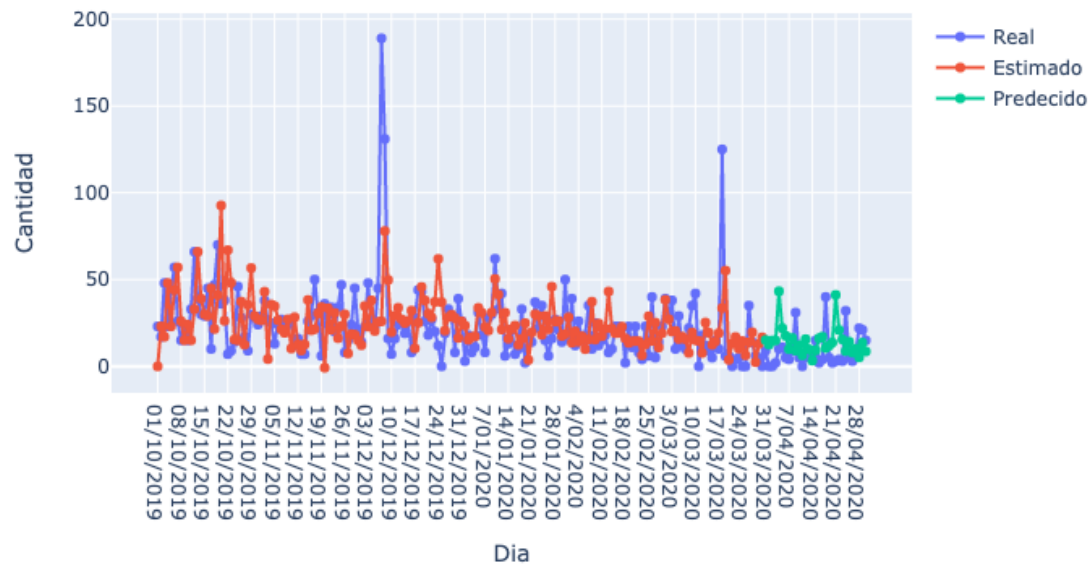
	Train	Test
MSE	392.96	151.00
RMSE	19.82	12.29
MAE	12.68	9.62
R2	0.18	-0.54

Prediccción con Holt-Winters Parámetros {'periodos': 17}



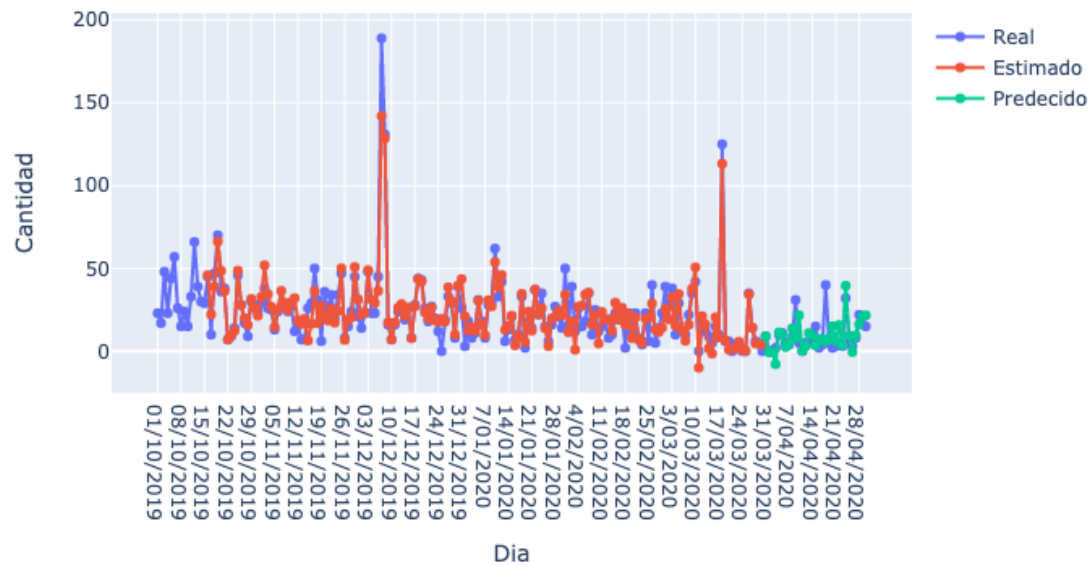
	Train	Test
MSE	540.81	278.23
RMSE	23.26	16.68
MAE	14.01	11.87
R2	-0.17	-1.84

Predicción con SARIMA Parámetros {'order': (3, 1, 2), 'seasonal_order': 17}



	Train	Test
MSE	515.83	230.70
RMSE	22.71	15.19
MAE	15.11	12.49
R2	-0.11	-1.35

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



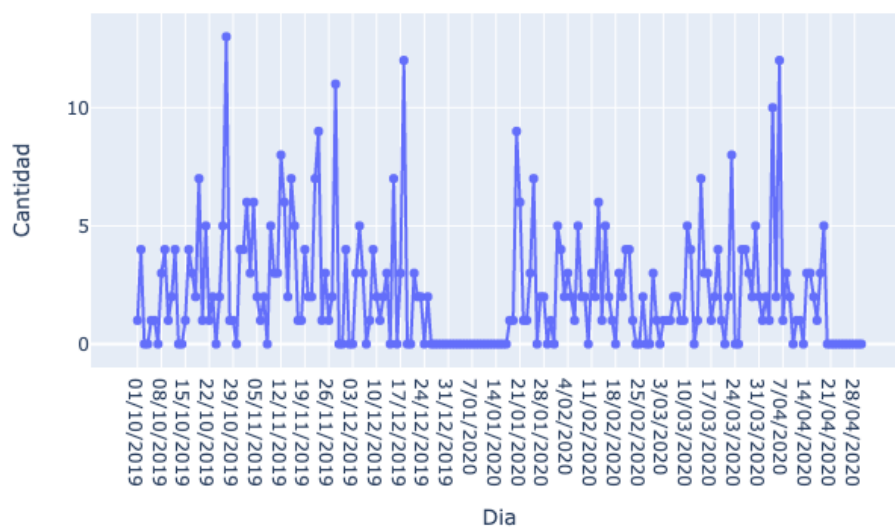
	Train	Test
MSE	65.52	91.20
RMSE	8.09	9.55
MAE	5.48	6.05
R2	0.86	0.07

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':

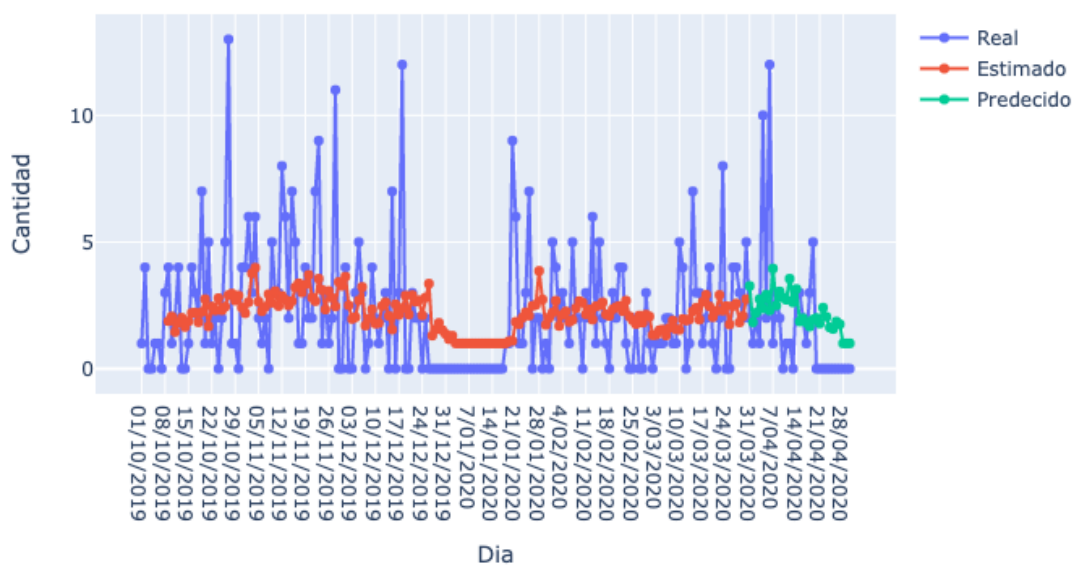


	Train	Test
MSE	313.01	5.10
RMSE	17.69	2.26
MAE	7.68	1.06
R2	0.34	0.95

Serie 8

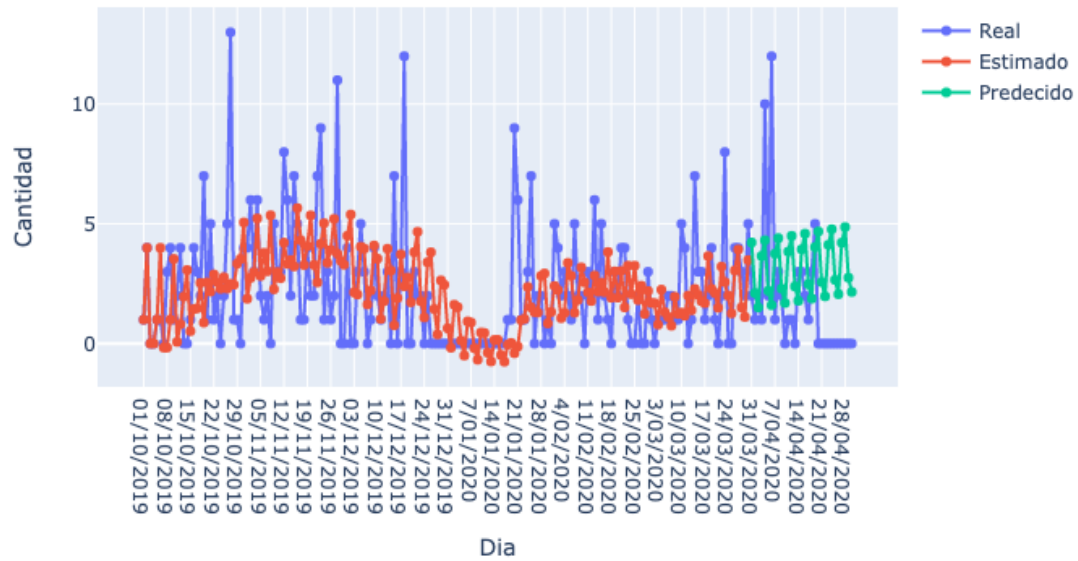


Predicción con Regresión Lineal Parámetros {'ventana': 8}



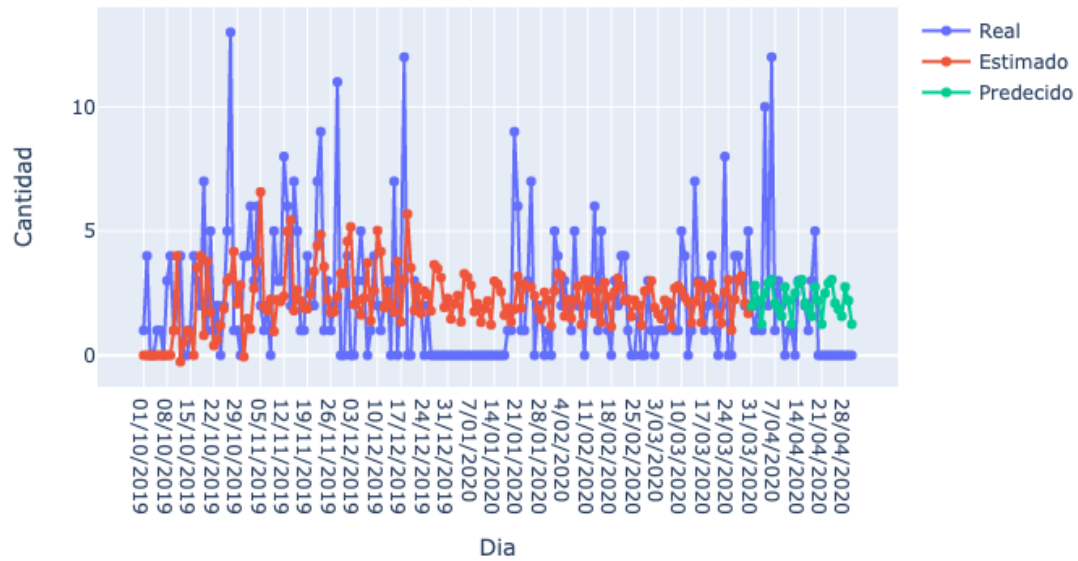
	Train	Test
MSE	5.77	7.67
RMSE	2.40	2.77
MAE	1.77	1.97
R2	0.08	-0.02

Prediccción con Holt-Winters Parámetros {'periodos': 4}



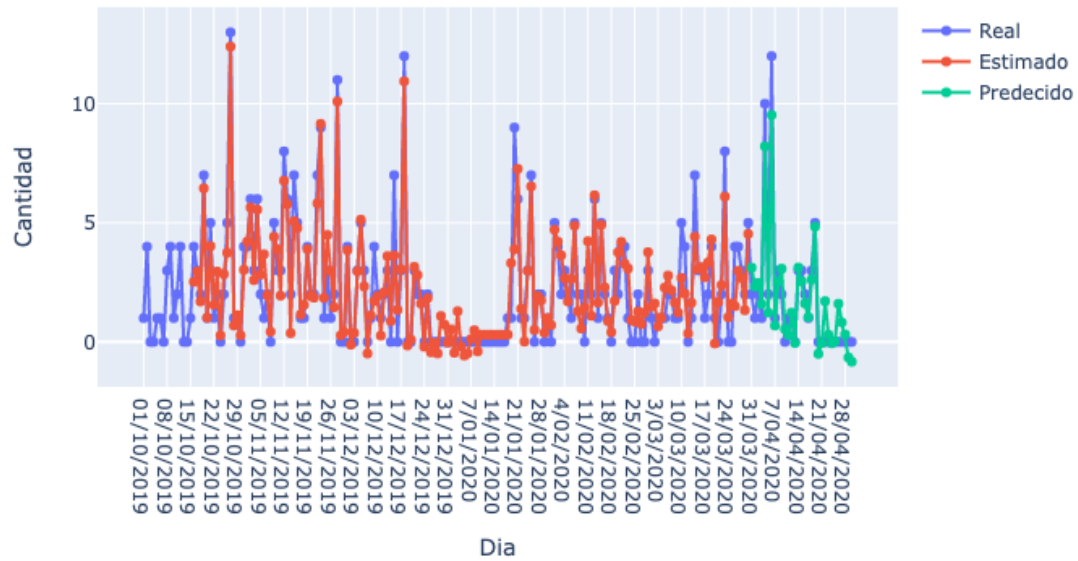
	Train	Test
MSE	6.53	11.07
RMSE	2.56	3.33
MAE	1.83	2.67
R2	-0.06	-0.47

Predicción con SARIMA Parámetros {'order': (1, 0, 0), 'seasonal_order': 9}



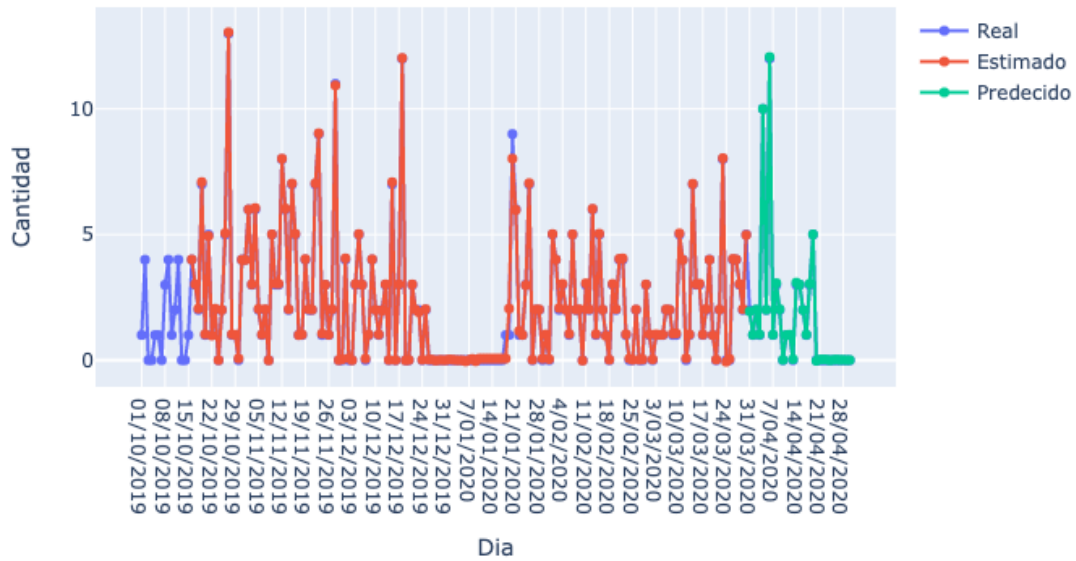
	Train	Test
MSE	7.06	7.13
RMSE	2.66	2.67
MAE	2.03	1.85
R2	-0.15	0.05

Predicción con MLP Parámetros {'neuronas': 15, 'ventana': 15, 'escalado': 1



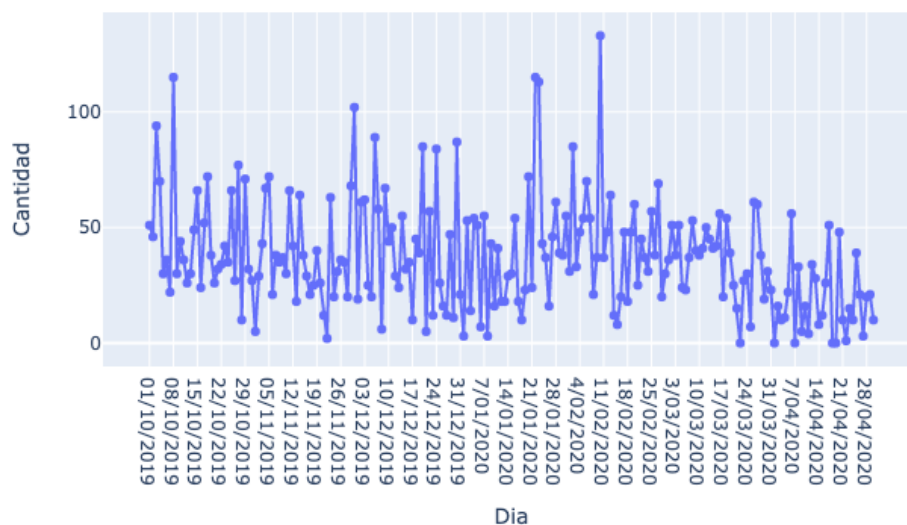
	Train	Test
MSE	1.06	0.78
RMSE	1.03	0.88
MAE	0.73	0.66
R2	0.84	0.90

Predicción con LSTM Parámetros {'neuronas': 15, 'ventana': 15, 'escalado':

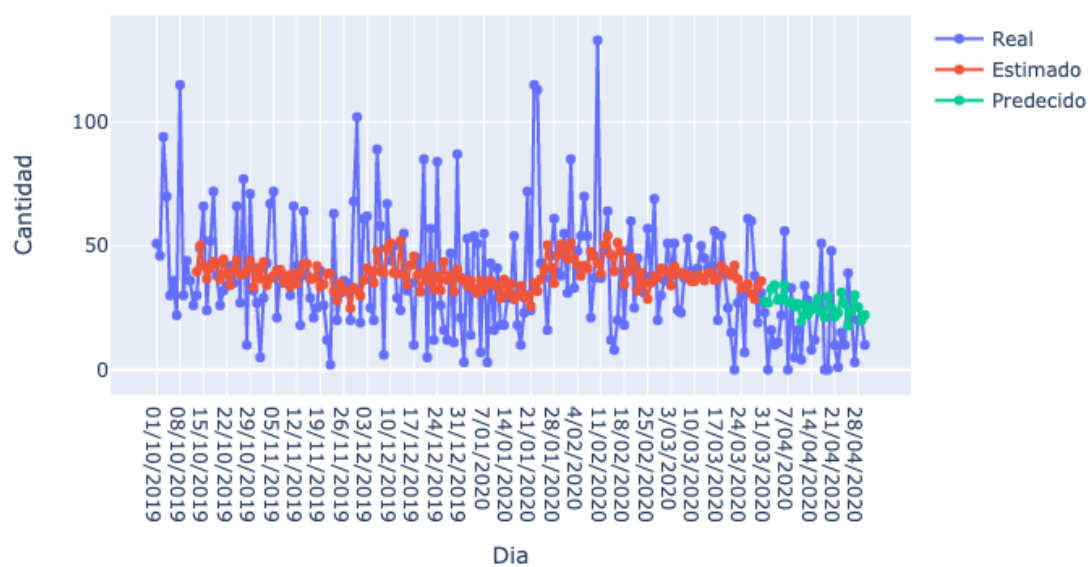


	Train	Test
MSE	0.02	0.00
RMSE	0.14	0.03
MAE	0.05	0.02
R2	1.00	1.00

Serie 9



Predicción con Regresión Lineal Parámetros {'ventana': 12}



	Train	Test
MSE	700.90	404.80
RMSE	26.47	20.12
MAE	19.77	17.44
R2	-0.28	-0.74

Prediccción con Holt-Winters Parámetros {'periodos': 9}



	Train	Test
MSE	657.69	481.04
RMSE	25.65	21.93
MAE	18.89	19.29
R2	-0.20	-1.07

Predicción con SARIMA Parámetros {'order': (3, 1, 2), 'seasonal_order': 5}



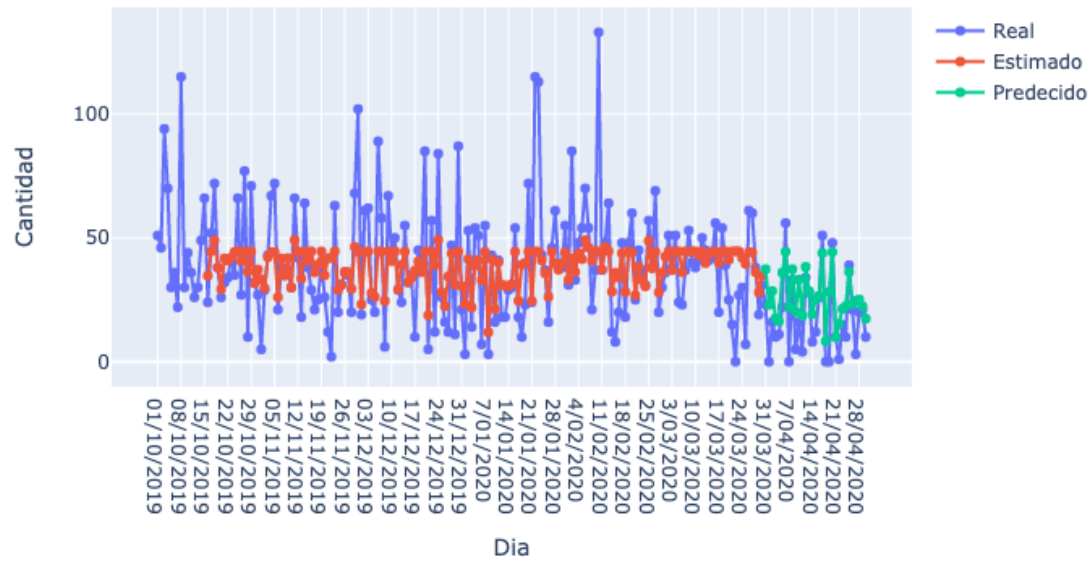
	Train	Test
MSE	526.01	311.62
RMSE	22.93	17.65
MAE	17.38	15.50
R2	-0.00	-0.34

Predicción con MLP Parámetros {'neuronas': 20, 'ventana': 15, 'escalado': 1



	Train	Test
MSE	147.03	74.56
RMSE	12.13	8.63
MAE	8.58	7.21
R2	0.72	0.68

Predicción con LSTM Parámetros {'neuronas': 20, 'ventana': 15, 'escalado':



	Train	Test
MSE	367.94	153.55
RMSE	19.18	12.39
MAE	13.20	10.08
R2	0.30	0.34