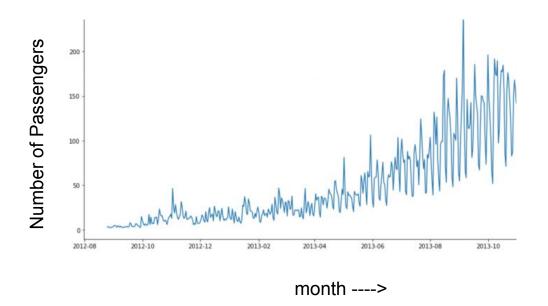


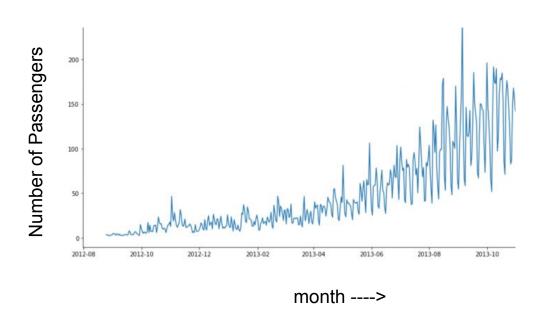


Example - Univariate Time Series





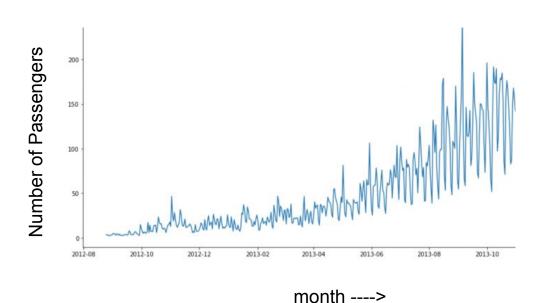
Example - Univariate Time Series



Date	Count		
2013-07-29	84		
2013-07-30	80		
2013-07-31	89		
2013-08-01	103		
2013-08-02	74		
2013-08-03	54		
2013-08-04	38		
2013-08-05	131		
2013-08-06	120		
2013-08-07	95		
2013-08-08	126		
2013-08-09	78		



Example - Univariate Time Series



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2013-07-30	80		
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2013-08-05	131		
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2013-08-07	95		
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2013-08-09	78		

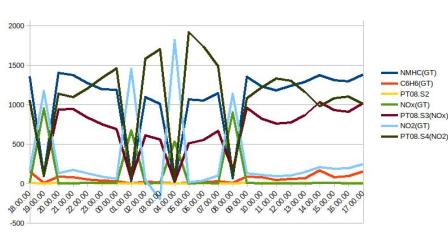
Univariate Time Series



Example - Multivariate Time Series



Example - Multivariate Time Series

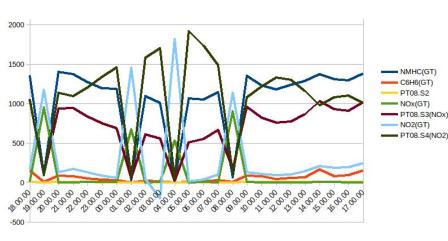


Date	Time	NMHC(GT)	C6H6(GT)	PT08.S2	NOx(GT)	PT08.S3(NOx)	NO2(GT)	
10/03/2004	18.00.00	1360	150	11	9	1046	166	
10/03/2004	19.00.00	112	9	4	955	103	1174	
10/03/2004	20.00.00	1402	88	9	0	939	131	
10/03/2004	21.00.00	1376	80	9	2	948	172	
10/03/2004	22.00.00	1272	51	6	5	836	131	
10/03/2004	23.00.00	1197	38	4	7	750	89	
11/03/2004	00.00.00	1185	31	3	6	690	62	
11/03/2004	01.00.00	31	3	3	672	62	1453	
11/03/2004	02.00.00	1094	24	2	3	609	45	
11/03/2004	03.00.00	1010	19	1	7	561	-200	
11/03/2004	04.00.00	14	1	3	527	21	1818	



Example - Multivariate Time Series

C6H6(GT) PT08.S2 NOx(GT) PT08.S3(NOx) NO2(GT)



Date	Time	NMHC(GT)	C6H6(GT)	PT08.S2	NOx(GT)	PT08.S3(NOx)	NO2(GT)
10/03/2004	18.00.00	1360	150	11	9	1046	166
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11/03/2004	03.00.00	1010	19	1	7	561	-200
11/03/2004	04.00.00	14	1	3	527	21	1818

Multivariate Time Series



Univariate Time Series

Multivariate Time Series

 Observations taken at equal intervals of time Observations taken at equal intervals of time

Single Target Variable

Multiple Target Variable



Univariate Time Series

Multivariate Time Series

 Observations taken at equal intervals of time Observations taken at equal intervals of time

Single Target Variable

Multiple Target Variable



Thank You

