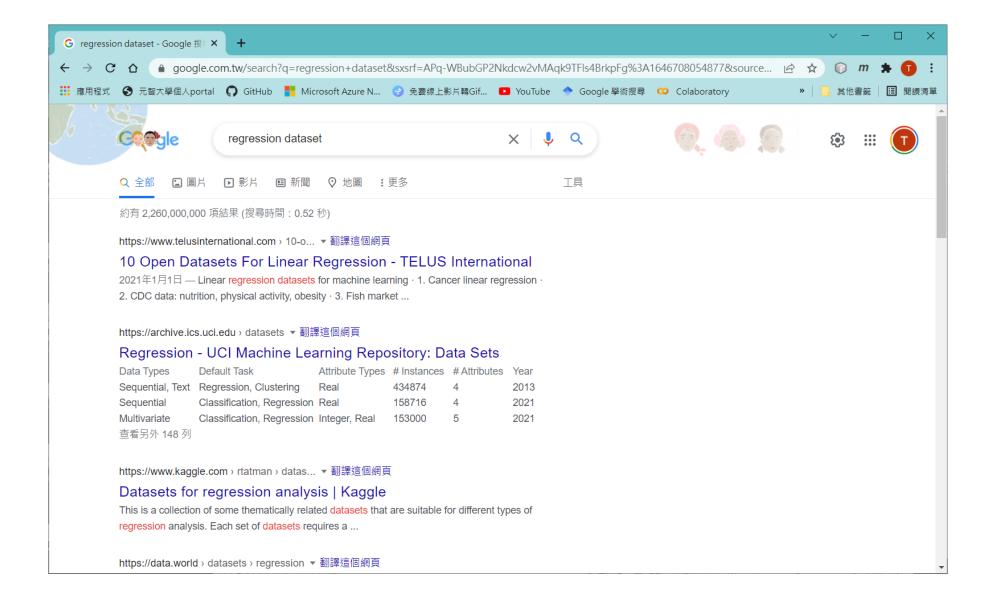
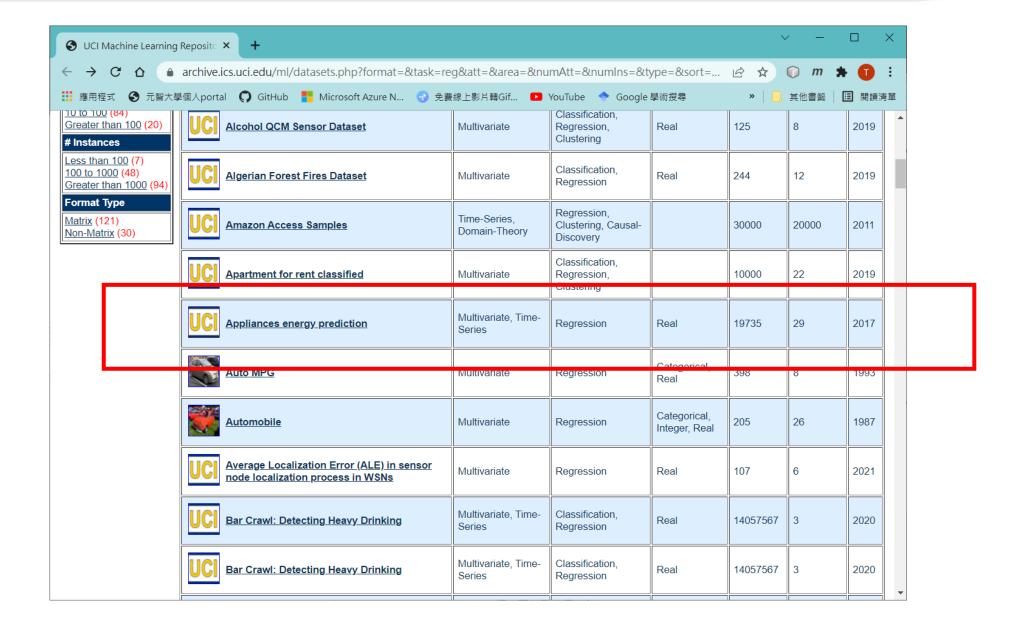
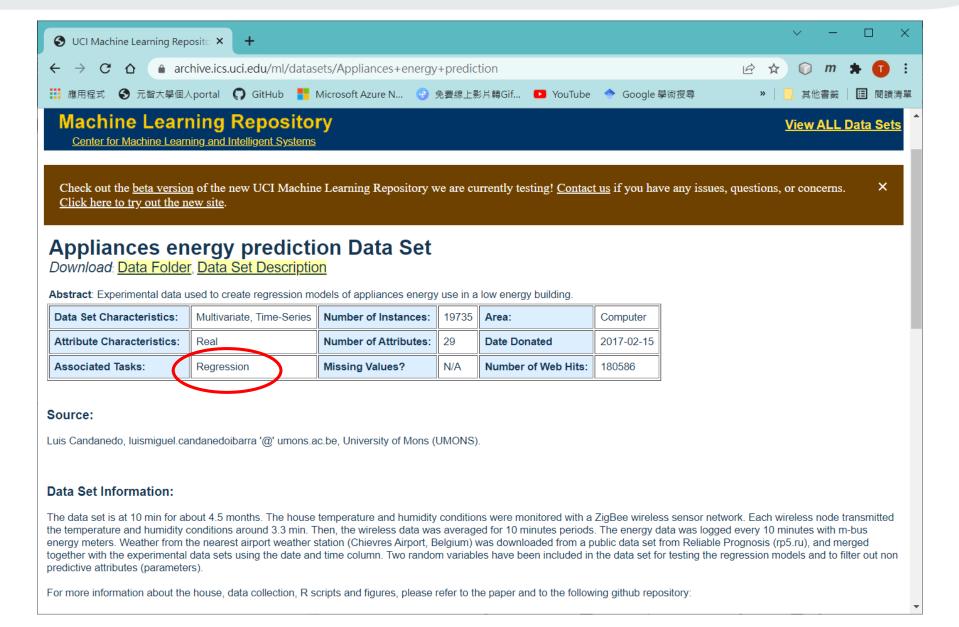
Regression dataset search



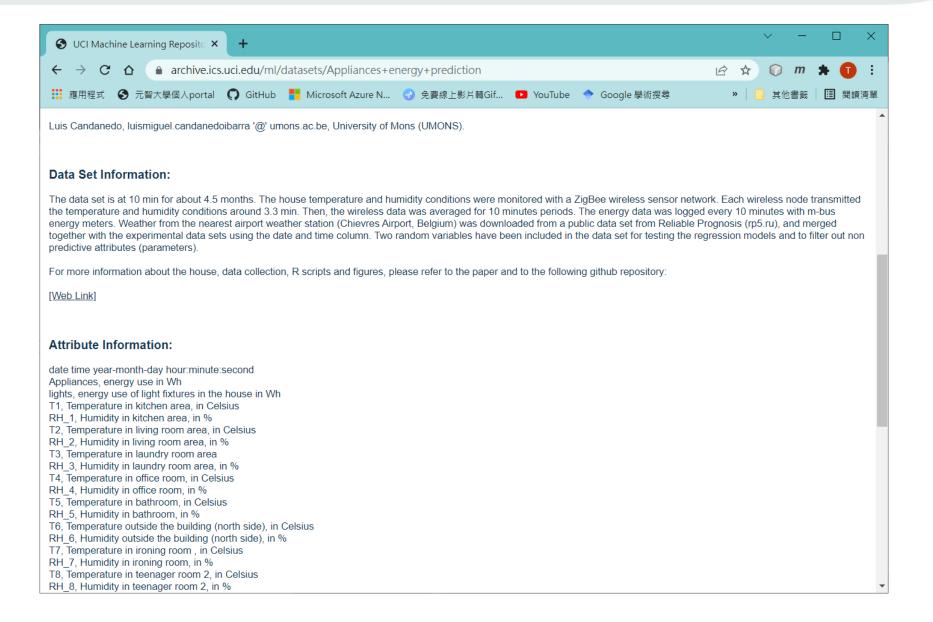
Appliances energy prediction data set



Appliances energy prediction data set



Understand the domain meaning of your data



Understand the domain meaning of your data

	energydata_complete.csv - Excel										•					T .	_ 🗆	×
檔案	常用 插入 片	版面配置	公式 資	料 校閱	檢視	Acrobat	♀ 告訴我您	区想要執行的動作									2	4 共用
A1	- : ×	✓ fx	date															~
	Α	В	С	D	Е	F	G	Н	1	J	K	L	М	N	О	Р	Q	FA
1 date	e	Appliance:	lights	T1	RH 1	T2	RH 2	T3	RH 3	T4	RH 4	T5	RH 5	T6	RH 6	T7	RH 7	T8
2	2016/1/11 17:00	60	30	19.89	47.59667	19.2	44.79	19.79	44.73	19	45.56667	17.16667	55.2	7.026667	84.25667	17.2	41.62667	
3	2016/1/11 17:10	60	30	19.89	46.69333	19.2	44.7225	19.79	44.79	19	45.9925	17.16667	55.2	6.833333	84.06333	17.2	41.56	
4	2016/1/11 17:20	50	30	19.89	46.3	19.2	44.62667	19.79	44.93333	18.92667	45.89	17.16667	55.09	6.56	83.15667	17.2	41.43333	
5	2016/1/11 17:30	50	40	19.89	46.06667	19.2	44.59	19.79	45	18.89	45.72333	17.16667	55.09	6.433333	83.42333	17.13333	41.29	
6	2016/1/11 17:40	60	40	19.89	46.33333	19.2	44.53	19.79	45	18.89	45.53	17.2	55.09	6.366667	84.89333	17.2	41.23	
7	2016/1/11 17:50	50	40	19.89	46.02667	19.2	44.5	19.79	44.93333	18.89	45.73	17.13333	55.03	6.3	85.76667	17.13333	41.26	
8	2016/1/11 18:00	60	50	19.89	45.76667	19.2	44.5	19.79	44.9	18.89	45.79	17.1	54.96667	6.263333	86.09	17.13333	41.2	
9	2016/1/11 18:10	60	50	19.85667	45.56	19.2	44.5	19.73	44.9	18.89	45.86333	17.1	54.9	6.19	86.42333	17.1	41.2	
10	2016/1/11 18:20	60	40	19.79	45.5975	19.2	44.43333	19.73	44.79	18.89	45.79	17.16667	55	6.123333	87.22667	17.16667	41.4	
11	2016/1/11 18:30	70	40	19.85667	46.09	19.23	44.4	19.79	44.86333	18.89	46.09667	17.1	55	6.19	87.62667	17.2	41.5	
12	2016/1/11 18:40	230	70	19.92667	45.86333	19.35667	44.4	19.79	44.9	18.89	46.43	17.1	55	6.19	87.86667	17.2475	42.7175	
13	2016/1/11 18:50	580	60	20.06667	46.39667	19.42667	44.4	19.79	44.82667	19	46.43	17.1	55	6.123333	87.99333	17.53	44.26333	18.0
14	2016/1/11 19:00	430	50	20.13333		19.56667	44.4	19.89	44.9	19	46.36333	17.1	55.09		88.59		45.49333	18.0
15	2016/1/11 19:10	250	40	20.26	52.72667	19.73	45.1	19.89		19	47.22333	17.1			88.215	17.96333	46.16	18.0
16	2016/1/11 19:20	100	10	20.42667	55.89333	19.85667	45.83333			19	48.69667	17.1	55.5			21150000	.0.00000	
17	2016/1/11 19:30	100	10			20.03333			48.46667	19	48.49	17.15			88.36667	17.89		
18	2016/1/11 19:40	90	10	20110		20.16667	47.22333	20.2	48.53	18.92667	48.15667	17.16667	56.49	5.726667	88.16	17.76	44.26667	
19	2016/1/11 19:50	70	30		53.66		47.05667	20.2	48.4475	18.89		17.2			87.3		43.72667	
20	2016/1/11 20:00	80	30		51.19333	20.2	46.33	20.2			48.63	17.2				17.66667	43.16	
21	2016/1/11 20:10	140	40			20.2	46.02667	20.16667	47.63333		49.5	17.59333			87.46333	17.6		
22	2016/1/11 20:20	120	20	20.05		20.2	45.7225		47.3	19.175	49.9475		79		87.53		42.33333	
23	2016/1/11 20:30	190	40		47.63333	20.26	45.53		47.02667	19.26			79.73		86.95667		42.06667	
24	2016/1/11 20:40	110	40		47.06333		45.22333	20.26		19.32333		17.6				17.63333		
25	2016/1/11 20:50	110	40		46.59667	20.35667		20.29		19.39		17.56667		5.623333	86.33		43.63333	
26	2016/1/11 21:00	110	30			20.42667	44.76	20.29	46.43333	19.39		17.76			86.06333		43.46	
27	2016/1/11 21·10 energydata_	110 complete	-20	21.2	15.8	20.5	11.76	20.30	16.00333	10.30	<u>17.8</u>	18 35667	22 50	5 656667	25 50	17 70	13.1	10.0
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27 J 1004																		

Build a NN to learn to predict energy use from environment sensor data

2.3. Regression HW.ipynb