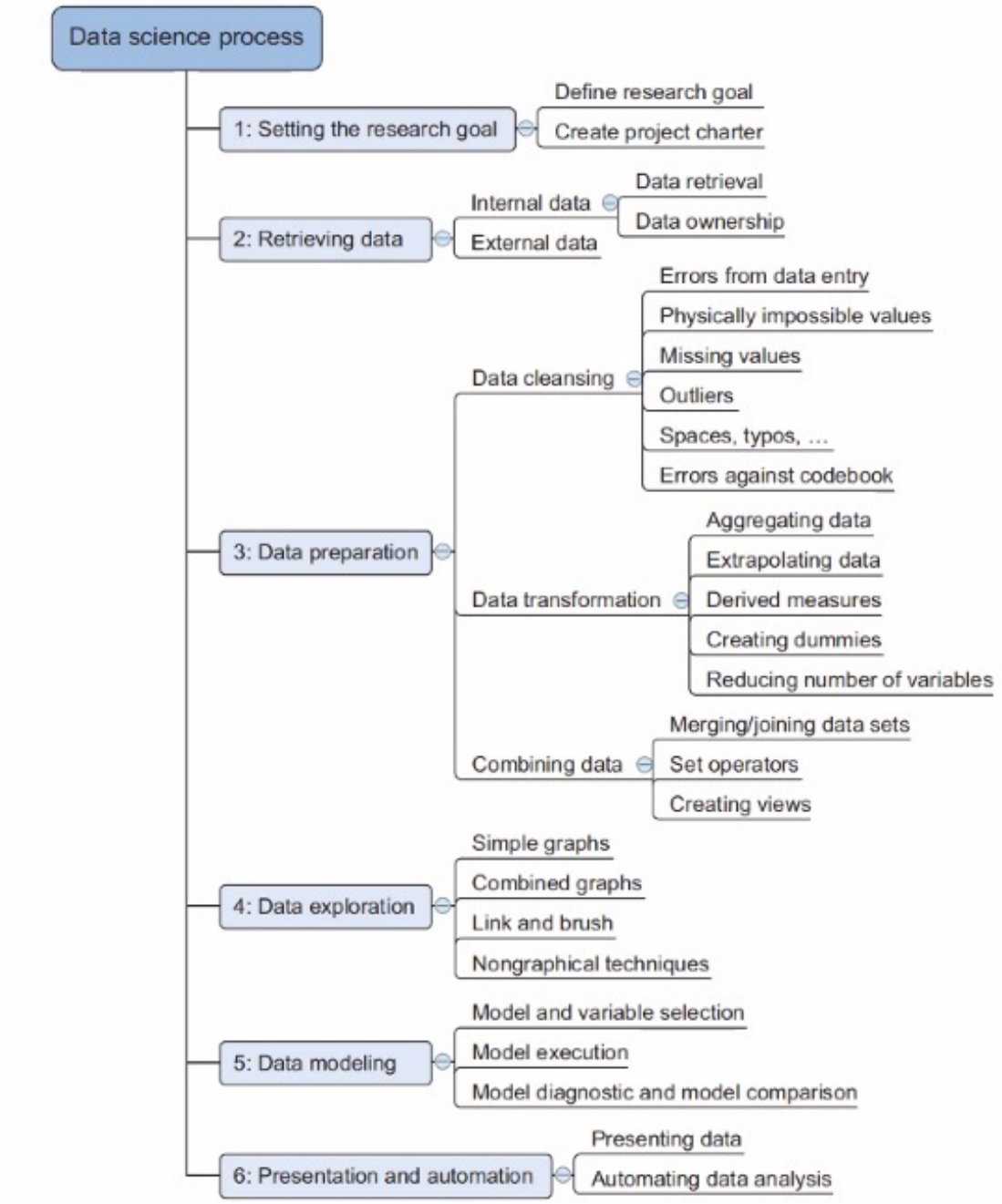
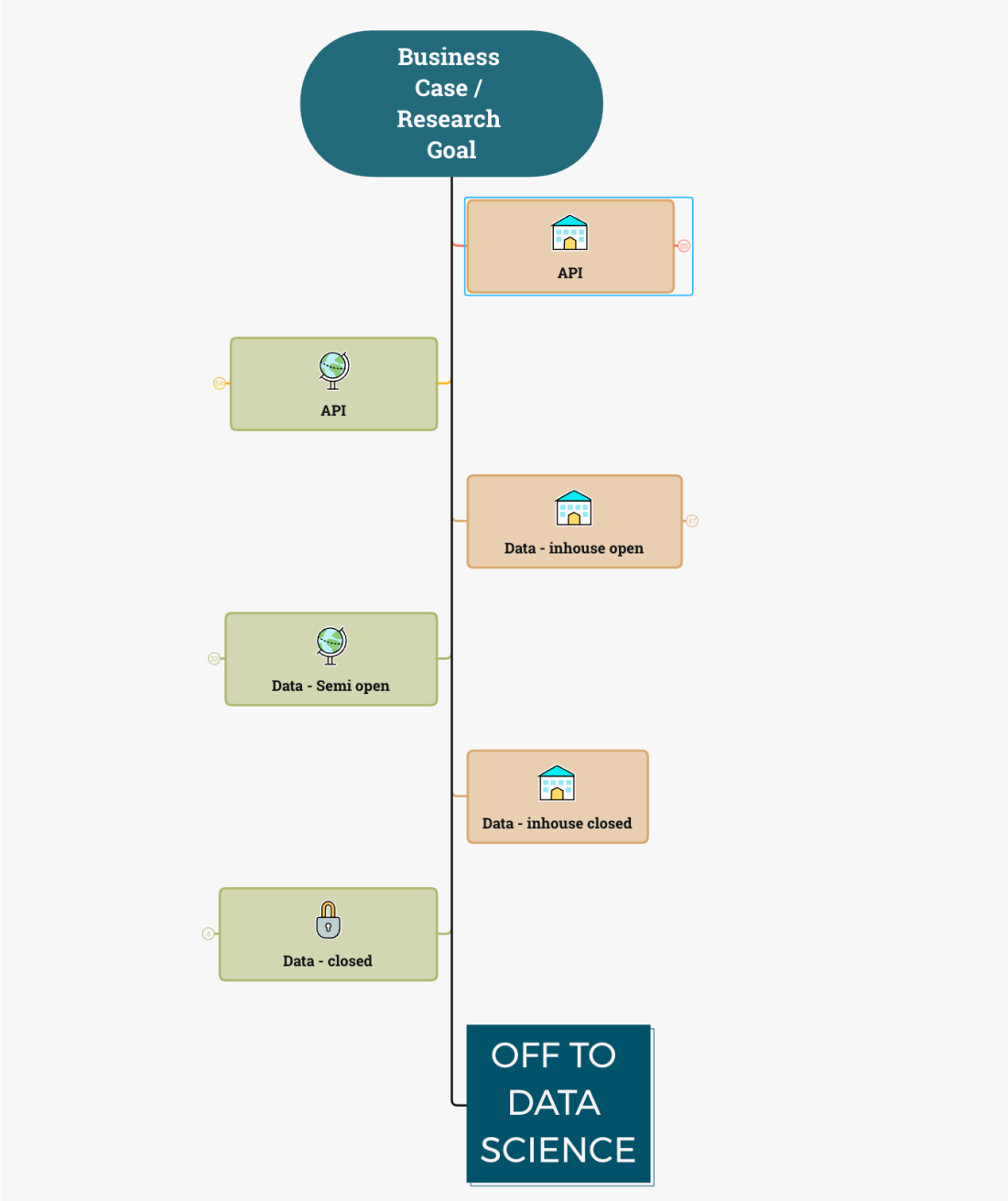
DATA SCIENCE MODELLEN



DATA SCIENCE MODELLEN



Getting started – your computer

	user	system	elapsed	test	test_group	cores
1	0.722	0.007	0.732	manip	matrix_cal	0
2	0.721	0.014	0.740	manip	matrix_cal	0
3	0.569	0.009	0.588	manip	matrix_cal	0
4	0.185	0.001	0.187	power	matrix_cal	0
5	0.188	0.002	0.193	power	matrix_cal	0
6	0.182	0.001	0.184	power	matrix_cal	0
7	0.762	0.002	0.765	sort	matrix_cal	0
8	0.806	0.010	0.840	sort	matrix_cal	0
9	0.773	0.003	0.780	sort	matrix_cal	0
10	11.843	0.162	12.802	cross_product	matrix_cal	0
11	11.059	0.029	11.107	cross_product	matrix_cal	0
12	12.039	0.138	12.423	cross_product	matrix_cal	0
13	0.986	0.010	1.008	lm	matrix_cal	0
14	0.958	0.007	0.971	lm	matrix_cal	0
15	0.932	0.004	0.940	lm	matrix_cal	0

benchmarkme

- get_cpu og ram
- kør benchmark_matrix_cal() og gem i en variabel

```
$vendor_id
[1] "GenuineIntel"

$model_name
[1] "Intel(R) Core(TM) i7-6700HQ CPU @ 2.60GHz"

$no_of_cores
[1] 8
```

OUTPUT TIL SIDST:

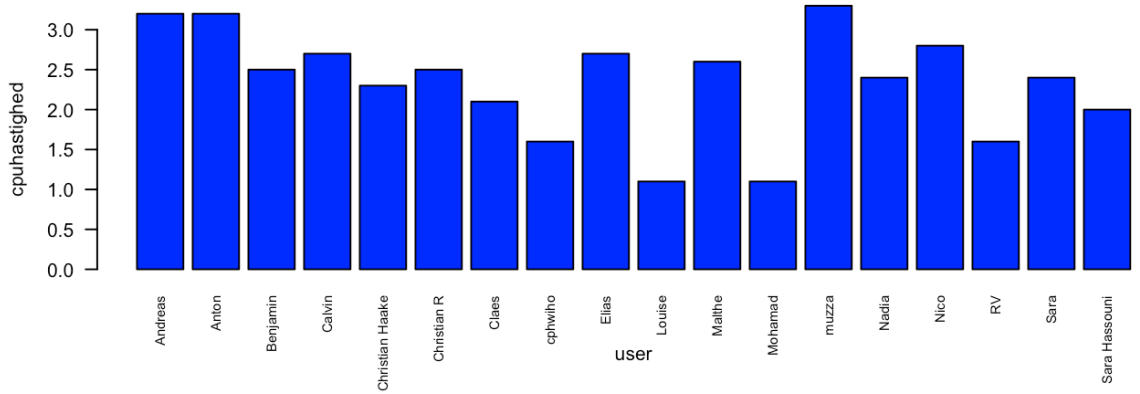
	user	ram	cpumodel	cpuhastighed	cores	crossprodl	lml	sortl
1	kurt	17179869184	Intel(R) Core(TM) i7-6700HQ CPU	2.60GHz	8	0.761999999999986	11.843	0.98599999999999

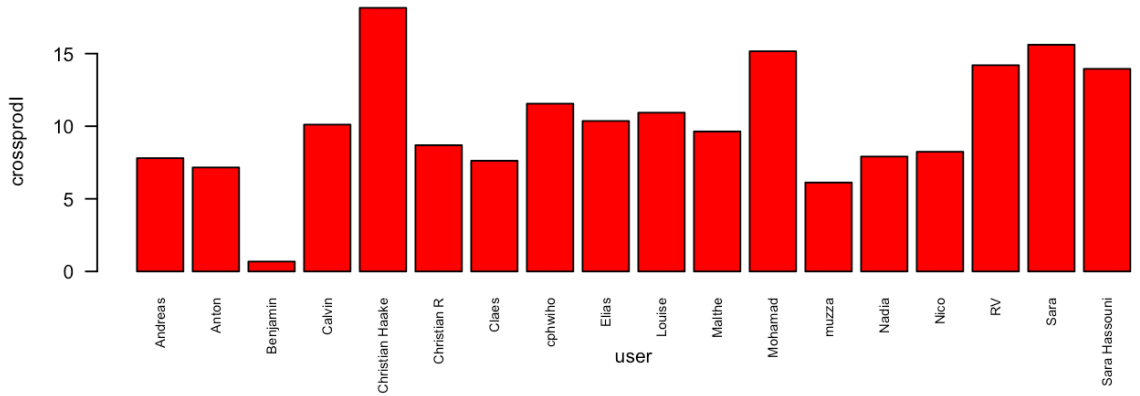
Moving on

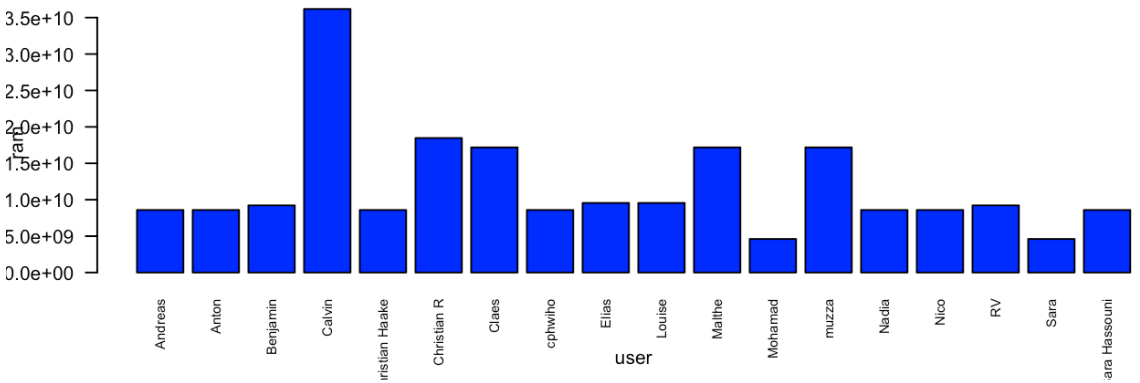
	user	ram	cpumodel	cpuhastighed	cores	crossprodl	lml	sortl
1	cphwiho	8589934592	Intel(R) Core(TM) i5-8210Y CPU	1.60GHz	4	11,552	0,943	0,775
2	Andreas	8589934592	Apple M1	3.2	8	7,8	0,603	0,62
3	Diana	17179869184	Intel(R) Core(TM) i5-1038NG7 CPU	2.00GHz	8	13.08	14.27	895.000.000.000.003
4	Sara Hassouni	8.589.934.592,00	Intel(R)	2,00	4,00	13,95	1,20	0,85
5	Louise	8,9GB	Intel(R) Core(TM) i5-1030NG7 CPU	1.10 GHz	8	10,932	0,775	1,04
6	Elias	8,9GB	Intel(R) Core(TM) i7-7500U()	2.70GHz	4	10,36	0,9	0,72
7	Sara	4,29	Intel(R) Core(TM) i3-7100U	2,4	4	15,61	1,18	1,08
8	Christian R	17,2 GB	Intel(R) Core(TM) i5-3210M	2.50GHz	4	8,691	0,81	0,75
9	Christian Haake	8589934592	Intel(R) Core(TM) i5-8300H	2.3	8	18.15	01.37	01.19
10	muzza	16 GB	AMD Ryzen 9 5900hx	3.3 GHz	8	6,12	0,5	0,66
11	Mohamad	4606352425	GenuineIntel" "Intel(R) Pentium(R) Silver N5030 CPU	1.10GHz	4	15,16	1,27	0,86
12	RV	8,59	i5-8265U	1.6	8	14.2	1,3	1,29
13	Calvin	33,7 GB	Intel(R) Core(TM) i7-6820HQ CPU	2.70GHz	8	10,11	0,74	0,83
14	Nico	8589934592	Intel(R) Core(TM) i5-4200H CPU	2.80GHz	4	8,24	0,639	0,659
15	Claes	16	AMD Ryzen 5 3500U Vega Mobile Gfx 2.10 GHz	2.1GHz	4	7,62	0,65	0,84
16	Rasmus	8	Intel(R) Core(TM) i5-7360U CPU	2.3 GHz	4	0,76		
17	Nadia	8589934592	11th Gen Intel(R) Core(TM) i5-1135G7	2.40GHz	8	7,91	0,64	0,55
18	Malthe	16 GB	Intel(R) Core(TM) i7-9750H CPU	2.60GHz	12	9,637	0,9639	0,6659
19	Daniel	8589934592	Intel(R) Core(TM) i7-5650U CPU	2,2GHz	4			
20	Benjamin	8.59 GB	Intel(R) Core(TM) i5-7300HQ CPU	2.50GHz	4	0,68	10,39	0,84
21	Elon Musk	100	Intel Tesla	20GHz	666			
22	Anton	8 GB	Apple M1	3,2GHz	8	7,159	0,598	0,623

Final goal ..

	ram	cpuhastighed	cores	crossprodl	lml	sortl	user
1	8589934592	1.6	4	11.552	0.9430	0.7750	cphwiho
2	8589934592	3.2	8	7.800	0.6030	0.6200	Andreas
4	8589934592	2.0	4	13.950	1.2000	0.8500	Sara Hassouni
5	9556302234	1.1	8	10.932	0.7750	1.0400	Louise
6	9556302234	2.7	4	10.360	0.9000	0.7200	Elias
7	4606352425	2.4	4	15.610	1.1800	1.0800	Sara
8	18468359373	2.5	4	8.691	0.8100	0.7500	Christian R
9	8589934592	2.3	8	18.150	1.3700	1.1900	Christian Haake
10	17179869184	3.3	8	6.120	0.5000	0.6600	muzza
11	4606352425	1.1	4	15.160	1.2700	0.8600	Mohamad
12	9223442268	1.6	8	14.200	1.3000	1.2900	RV
13	36185099469	2.7	8	10.110	0.7400	0.8300	Calvin
14	8589934592	2.8	4	8.240	0.6390	0.6590	Nico
15	17179869184	2.1	4	7.620	0.6500	0.8400	Claes
17	8589934592	2.4	8	7.910	0.6400	0.5500	Nadia
18	17179869184	2.6	12	9.637	0.9639	0.6659	Malthe
20	9223442268	2.5	4	0.680	10.3900	0.8400	Benjamin
22	8589934592	3.2	8	7.159	0.5980	0.6230	Anton







Get all numeric fields as.numeric

- Alle ”,” til ”.”
  - fix Sara
  - lapply med gsub
- Fix cpuhast
  - Fjern alle GHz
  - lapply med gsub
- Fix ram
  - lav funktion
    - if GB så til bytes
    - else if lille tal så til bytes
    - else bare ok
    - return value
- Fix resten
  - is.numeric på alt
  - omit.na

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