# Análisis complejidad reto 4

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8 de diciembre de 2021

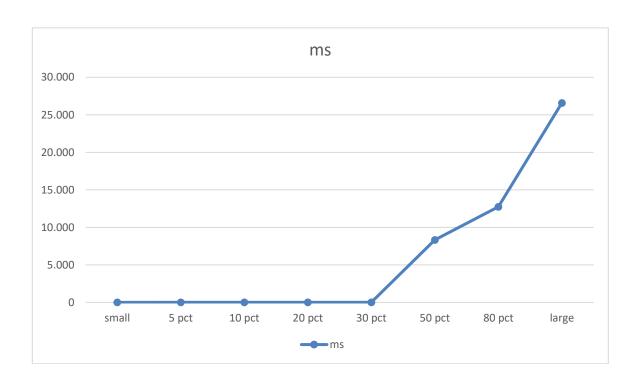
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#### Tiempo que tarda cada requerimiento

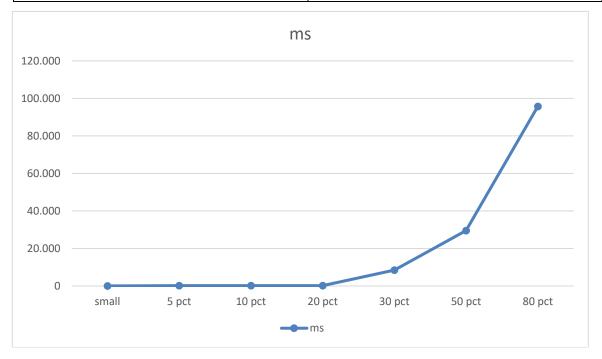
#### Carga de datos

small	1.873 ms
5 pct	2.0056 ms
10 pct	2.108 ms
20 pct	2.748 ms
30 pct	3.472 ms
50 pct	8327.62 ms
80 pct	12738.92 ms
Large	26587.81 ms



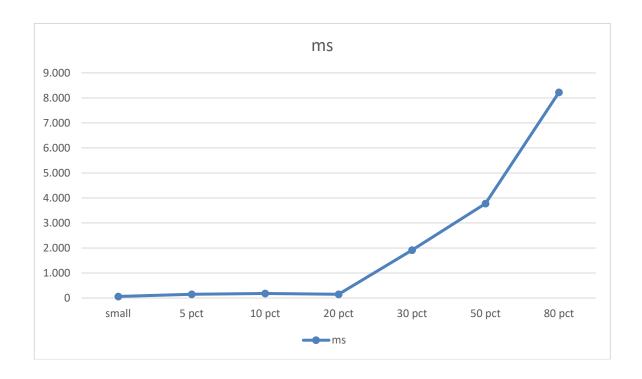
### Requerimiento 1

small	58.33 ms
5 pct	220.66 ms
10 pct	242.96 ms
20 pct	219.71 ms
30 pct	8496.43 ms
50 pct	29507.98ms
80 pct	95737.01 ms
Large	



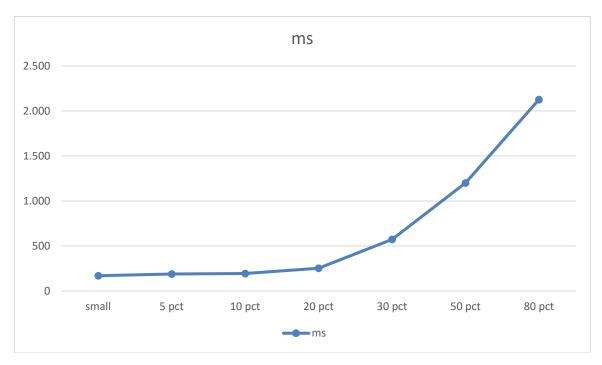
#### Requerimiento 2

small	63.13 ms
5 pct	148.13 ms
10 pct	182.17 ms
20 pct	152.3 ms
30 pct	1917.36 ms
50 pct	3775.37 ms
80 pct	8223.81 ms
Large	



### Requerimiento 3

small	170.23 ms
5 pct	189.42 ms
10 pct	195.17 ms
20 pct	254.64 ms
30 pct	573.53 ms
50 pct	1200.10 ms
80 pct	2126.36 ms
Large	



## Requerimiento 5

small	2.87 ms
5 pct	9.18 ms
10 pct	9.15 ms
20 pct	10.21 ms
30 pct	74.18 ms
50 pct	153.05 ms
80 pct	448.13 ms
Large	

