

# Assignment 6

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## Question 10

### Observations

size $n$ of relation <b>PersonSkill</b>	No index	Btree index	Hash index
$10^4$			
$10^5$			
$10^6$			
$10^7$			

### Query plans

*For  $10^4$  records*

No Index Query Plan

queryplan

```
-----  
Seq Scan on personskill (cost=0.00..163.69 rows=1802 width=4) (actual time=0.012  
  Filter: (skill = 'AI'::text)  
  Rows Removed by Filter: 7293  
Planning Time: 0.874 ms  
Execution Time: 1.177 ms  
(5 rows)
```

Btree Index Query Plan Hash index Query Plan

*For  $10^5$  records*

*For  $10^6$  records*