**Answers to the questions in hands-on training session 4**

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| Task 1 | **SELECT** \*  **FROM** **cfpb\_complaints\_2500**  **WHERE** Data\_received **IN** ('2012-01-01', '2012-02-01', '2012-03-01','2012-04-01','2012-05-01') |
| Task 2 | **SELECT** \*  **FROM** **cfpb\_complaints\_2500**  **WHERE** Company = 'Bank of America' **AND** Issue **LIKE** '%ATM%' |
| Task 3 | **SELECT** \*  **FROM** **cfpb\_complaints\_2500**  **WHERE** Company = 'Bank of America' **AND** (Issue **LIKE** '%ATM%' **OR** Issue **LIKE** '%theft%')  Or  **SELECT** \*  **FROM** cfpb\_complaints\_2500  **WHERE** Company = 'Bank of America' **AND** Issue **regexp** 'ATM|theft' |
| Task 4 | **SELECT** Company, **COUNT**(\*) **AS** freq  **FROM** **cfpb\_complaints\_2500**  **WHERE** Issue **LIKE** '%ATM%'  **GROUP** **BY** Company  **ORDER** **BY** freq **DESC**  **LIMIT** 3 |
| Task 5 | **SELECT** \*  **FROM** **cfpb\_complaints\_2500**  **WHERE** Issue **like** '\_\_\_\_\_\_\_' |
| Task 6 | **SELECT** \*  **FROM** **cfpb\_complaints\_2500**  **WHERE** Issue **regexp** 'loan|saving|credit' |
| Task 7 | **SELECT** **distinct** Company  **FROM** **cfpb\_complaints\_2500** |
| Task 8 | **SELECT** Product, **count**(\*)  **FROM** **cfpb\_complaints\_2500**  **GROUP** **BY** Product |
| Task 9 | **SELECT** Submitted\_via, **count**(\*)  **FROM** **cfpb\_complaints\_2500**  **GROUP** **BY** Submitted\_via |
| Task 10 | **SELECT** **left**(Issue, 5), **right**(Issue,5)  **FROM** **cfpb\_complaints\_2500** |
| Task 11 | **SELECT** **SUBSTRING\_INDEX**(Issue, ' ', -2) **AS** Issue  **FROM** **cfpb\_complaints\_2500** |
| Task 12 | **SELECT**  **REPLACE**(Issue, 'fee', 'cost') **AS** Issue  **FROM** **cfpb\_complaints\_2500**  **WHERE** Issue **LIKE** '%fee%' |
| Task 13 | **select** title, **length**(title) - **length**(**replace**(title, ' ', '')) + 1 **as** number\_of\_words **from** tripadvisor\_data\_for\_handson\_assignment\_ONLY |
| Task 14 | **select** \* **from** tripadvisor\_data\_for\_handson\_assignment\_ONLY **where** title **regexp** 'être|avoir| je | de ' |
| Task 15 | **select** **substring\_index**(Consumer\_comment,'.',1) **as** sen1,  **substring\_index**( **substring\_index**(Consumer\_comment,'.',2),'.',-1) **as** sen2,  **substring\_index**(Consumer\_comment,'.',-2) **as** sen3 **from** Con\_comment  **create** **table** Comment\_sentence **as** (**select** **substring\_index**(Consumer\_comment,'.',1) **as** sen1,  **substring\_index**( **substring\_index**(Consumer\_comment,'.',2),'.',-1) **as** sen2,  **substring\_index**(Consumer\_comment,'.',-2) **as** sen3 **from** Con\_comment  ) |
| Task 16 | * **select** title, **count**(\*) **from** tripadvisor\_data\_for\_handson\_assignment\_ONLY **group** **by** title **order** **by** **count**(\*) **desc** * **select** **binary** title, **count**(\*) **from** tripadvisor\_data\_for\_handson\_assignment\_ONLY **group** **by** **binary** title **order** **by** **count**(\*) **desc** * **select** **BINARY** **replace**(**replace**(title, '!', ''), '.', ''), **count**(\*) fre **from** tripadvisor\_data\_for\_handson\_assignment\_ONLY   **group** **by** **BINARY** **replace**(**replace**(title, '!', ''), '.', '') **order** **by** fre **desc**;   * **select** **SUBSTRING\_INDEX**(title, ' ', -1), **count**(\*) **from** tripadvisor\_data\_for\_handson\_assignment\_ONLY **where** (**length**(title) - **length**(**replace**(title, ' ', ''))) > 0 **group** **by** **SUBSTRING\_INDEX**(title, ' ', -1) **order** **by** **count**(\*) **desc** |