**1.Query: Fetch all customer data with order**

Andrii Fedorenko a1349252

select xmlroot(xmlelement(name "customer\_data",

xmlagg(

xmlelement(name "customer", xmlattributes(c.customer\_id as customer\_id, c.age as age),

xmlforest(

c.last\_name as last\_name,

c.first\_name as first\_name,

c.gender as gender,

c.age as age,

c.title as title

),

xmlelement(name "order\_details",

xmlforest(

c.email as email,

c.phone as phone

),

xmlelement(name "order\_address",

xmlforest(

c.street as street,

c.hause as house,

c.flat as flat,

c.gender as gender,

c.porch as porch

),

xmlelement(name "detailed\_order\_data", xmlattributes(c.postal\_code as potal\_code),

xmlforest(

c.country as country,

c.city as city,

c.continent as continent

),

xmlelement(name "customer\_fridges\_on\_current\_address",

(SELECT xmlagg(

xmlelement(name "fridge", xmlattributes(f.fridge\_id AS fridge\_id, f.year\_of\_prod as year\_of\_production),

xmlforest(

f.type AS fridge\_type,

f.color as fridge\_color,

f.prod\_country as prod\_country,

f.volume as fridge\_volume

)

)

)

FROM fridge as f WHERE c.fridge\_id = f.fridge\_id

)

)

)

)

)

)

)

),

version '1.0', standalone yes)

from (select DISTINCT c.fridge\_id, c.customer\_id, c.last\_name, c.first\_name, c.gender, c.age, c.title, c.email, c.phone,

ca.street, ca.hause,ca.flat,ca.porch,

pc.postal\_code, pc.country, pc.city, pc.continent

from customer as c

JOIN customer\_address as ca ON c.customer\_id = ca.customer\_id

JOIN postal\_code as pc ON ca.postal\_code = pc.postal\_code LIMIT 30) as c;**1.Query output**

|  |  |
| --- | --- |
| **<?xml version="1.0" encoding="UTF-8"?>**  **<customer\_data>**  **<customer customer\_id="382" age="36">**  **<last\_name>Castro</last\_name>**  **<first\_name>Araceli</first\_name>**  **<gender>female</gender>**  **<age>36</age>**  **<title>ms</title>**  **<order\_details>**  **<email>araceli-81@example.com</email>**  **<phone>(870) 839 4907</phone>**  **<order\_address>**  **<street>Uzfdaeuuzs Street</street>**  **<house>45</house>**  **<flat>74</flat>**  **<gender>female</gender>**  **<porch>0</porch>**  **<detailed\_order\_data potal\_code="1861">**  **<country>Austria</country>**  **<city>Tyrol</city>**  **<continent>Europe</continent>**  **<customer\_fridges\_on\_current\_address>**  **<fridge fridge\_id="83" year\_of\_production="2011-03-27">**  **<fridge\_type>Side-by-side</fridge\_type>**  **<fridge\_color>silver</fridge\_color>**  **<prod\_country>Indonesia</prod\_country>**  **<fridge\_volume>44.3</fridge\_volume>**  **</fridge>**  **</customer\_fridges\_on\_current\_address>**  **</detailed\_order\_data>**  **</order\_address>**  **</order\_details>**  **</customer>**  **…** | **…**  **<customer customer\_id="630" age="31">**  **<last\_name>Khan</last\_name>**  **<first\_name>Niamh</first\_name>**  **<gender>female</gender>**  **<age>31</age>**  **<title>ms</title>**  **<order\_details>**  **<email>niamh\_khan@example.com</email>**  **<phone>(699) 364 5194</phone>**  **<order\_address>**  **<street>Njqodxtgvs Street</street>**  **<house>11</house>**  **<flat>73</flat>**  **<gender>female</gender>**  **<porch>1</porch>**  **<detailed\_order\_data potal\_code="1967">**  **<country>Austria</country>**  **<city>Vienna</city>**  **<continent>Europe</continent>**  **<customer\_fridges\_on\_current\_address>**  **<fridge fridge\_id="820" year\_of\_production="2015-09-30">**  **<fridge\_type>Built-in</fridge\_type>**  **<fridge\_color>silver</fridge\_color>**  **<prod\_country>China</prod\_country>**  **<fridge\_volume>82</fridge\_volume>**  **</fridge>**  **</customer\_fridges\_on\_current\_address>**  **</detailed\_order\_data>**  **</order\_address>**  **</order\_details>**  **</customer>**  **</customer\_data>** |

1. **Query as a table (first 20 rows)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| fridge\_id | customer\_id | last\_name | first\_name | gender | age | title | email | phone | street | hause | flat | porch | postal\_code | country | city | continent | type | year\_of\_prod | color | prod\_country | volume |
| 5 | 876 | אלתרמן | גלעד | male | 24 | mr | גלעד\_93@example.com | (826) 103 7907 | Fbcvodiowl Street | 37 | 50 | 1 | 1249 | Austria | Lower Austria EAST | Europe | Built-in | 27.07.16 | red | Russia | 51.5 |
| 6 | 418 | Aladár | DarГіczi | male | 34 | mr | darГіczi83@example.com | (219) 319 9432 | Rymbzcmnmw Street | 28 | 48 | 0 | 1490 | Austria | Burgenland | Europe | Top freezer | 11.05.15 | brown | Vietnam | 95.4 |
| 11 | 184 | Teleanu | Darius | male | 36 | mr | darius81@example.com | (461) 348 5101 | Cprnmutlkz Street | 48 | 38 | 1 | 1050 | Austria | Carinthia | Europe | Bottom freezer | 29.10.16 | black | Vietnam | 41.4 |
| 14 | 775 | Βασιλειάδης | Ερμογένης | male | 24 | mr | voichița-89@example.com | (174) 479 5800 | Mxqfjhxypv Street | 47 | 78 | 1 | 1145 | Austria | Lower Austria WEST | Europe | Side-by-side | 09.07.12 | pink | Russia | 44.5 |
| 15 | 490 | Aman | VoichiИ›a | female | 28 | ms | voichiИ›a-89@example.com | (649) 821 2476 | Hnfrossrhi Street | 14 | 27 | 0 | 1990 | Austria | Upper Austria | Europe | Compact | 13.09.17 | brown | Russia | 53.8 |
| 17 | 260 | Price | Nathan | male | 21 | mr | nathan\_price@example.com | (543) 968 1944 | Jpczeeqdmv Street | 42 | 42 | 1 | 1109 | Austria | Styria | Europe | Compact | 02.05.15 | brown | China | 41.4 |
| 17 | 515 | 婉 | 婉 | female | 27 | mrs | 婉 @example.com | (960) 609 3820 | Omfzozvvca Street | 4 | 99 | 1 | 1688 | Austria | Vienna | Europe | Compact | 02.05.15 | brown | China | 41.4 |
| 18 | 9 | Orleanu | Marin | male | 30 | mr | marin87@example.com | (301) 270 5922 | Sexdptxwzm Street | 32 | 30 | 1 | 1748 | Austria | Carinthia | Europe | Bottom freezer | 26.03.12 | red | Vietnam | 45 |
| 18 | 500 | Palmer | Luca | male | 33 | mr | luca\_palmer@example.com | (271) 144 9320 | Zegjhunfrk Street | 42 | 47 | 1 | 1979 | Austria | Lower Austria WEST | Europe | Bottom freezer | 26.03.12 | red | Vietnam | 45 |
| 20 | 999 | Davidovici | Bogdan | male | 29 | mr | bogdan-88@example.com | (852) 670 2048 | Lkddnzfsue Street | 27 | 62 | 0 | 1835 | Austria | Lower Austria EAST | Europe | Side-by-side | 16.11.10 | pink | Vietnam | 41.4 |
| 21 | 216 | Straka | AugustГ­n | male | 26 | mr | augustГ­n-91@example.com | (773) 826 3298 | Lqdrmndgsd Street | 13 | 34 | 0 | 1510 | Austria | Lower Austria WEST | Europe | Built-in | 11.12.12 | white | Japan | 94.2 |
| 21 | 230 | Murgeanu | Paraschiva | female | 25 | ms | paraschiva\_92@example.com | (917) 580 7920 | Fovfzmvcud Street | 36 | 76 | 1 | 1554 | Austria | Vienna | Europe | Built-in | 11.12.12 | white | Japan | 94.2 |
| 22 | 365 | Μπουκουβαλαίοι | Μπουκουβαλαίοι | male | 35 | mr | Μπουκουβαλαίοι @example.com | (501) 230 2201 | Wgafkcnuzp Street | 38 | 42 | 1 | 1769 | Austria | Burgenland | Europe | Built-in | 04.11.17 | white | Russia | 88.1 |
| 23 | 264 | Frățilă | Frățilă | male | 24 | mr | Frățilă @example.com | (246) 101 2274 | Dsvmueemqw Street | 14 | 33 | 0 | 1587 | Austria | Tyrol | Europe | Compact | 02.03.16 | black | Germany | 41.4 |
| 23 | 574 | Иerbu | Teodora | female | 29 | mrs | teodora-88@example.com | (787) 170 1371 | Rmeewbkuxw Street | 9 | 15 | 0 | 1240 | Austria | Lower Austria WEST | Europe | Compact | 02.03.16 | black | Germany | 41.4 |
| 23 | 664 | Giurescu | Valeria | female | 27 | ms | valeria-90@example.com | (172) 269 8371 | Ptxnejywft Street | 40 | 26 | 0 | 1193 | Austria | Salzburg | Europe | Compact | 02.03.16 | black | Germany | 41.4 |
| 24 | 310 | Sokolov | Mirtel | female | 26 | ms | mirtel91@example.com | (837) 637 1786 | Idijqhtdhh Street | 35 | 77 | 1 | 1715 | Austria | Salzburg | Europe | Side-by-side | 03.07.16 | brown | Germany | 41.4 |
| 26 | 836 | Deac | SinicДѓ | male | 23 | mr | sinicДѓ-deac@example.com | (780) 337 9308 | Zjkbaeqvhx Street | 4 | 26 | 1 | 1964 | Austria | Carinthia | Europe | Top freezer | 21.10.13 | white | Germany | 41.4 |
| 26 | 858 | Ungur | Francisc | male | 30 | mr | francisc\_87@example.com | (577) 131 2878 | Mwdssuugon Street | 9 | 42 | 1 | 1207 | Austria | Lower Austria WEST | Europe | Top freezer | 21.10.13 | white | Germany | 41.4 |
| 28 | 129 | Štefánik | Vratko | male | 24 | mr | vratko93@example.com | (509) 688 5519 | Fvwnpdnqnv Street | 20 | 46 | 0 | 1440 | Austria | Vienna | Europe | Top freezer | 06.08.12 | white | China | 41.4 |

**2.Query: Fetch all local facilities data**

SELECT xmlroot(xmlelement(name "local\_facility\_data",

xmlagg(

xmlelement(name "local\_facility", xmlattributes(lf.facility\_id as facility\_id, lf.facility\_status as facility\_status),

xmlforest(

lf.local\_facility\_name as local\_facility\_name,

lf.facility\_type as facility\_type

),

xmlelement(name "provide\_service",

xmlelement(name "provide\_service\_in",

(SELECT xmlagg(

xmlelement(name "postal\_code", xmlattributes(pc.postal\_code as potal\_code),

xmlforest(

pc.country as country,

pc.city as city,

pc.continent as continent

)

)

)

FROM postal\_code pc where lf.postal\_code = pc.postal\_code

),

xmlelement(name "provide\_service\_for",

(SELECT xmlagg(

xmlelement(name "customer\_data", xmlattributes(c.customer\_id as customer\_id, c.age as age),

xmlforest(

c.last\_name as last\_name,

c.first\_name as first\_name,

c.gender as gender,

c.title as title

),

xmlelement(name "customer\_address", xmlattributes(ca.street as street),

xmlforest(

ca.street as street,

ca.hause as house,

ca.flat as flat,

ca.porch as porch

)

)

)

)

FROM customer c

JOIN customer\_address ca ON c.customer\_id = ca.customer\_id

where c.customer\_id = lf.customer\_id

)

)

)

)

)

)

),

version '1.0', standalone yes)

FROM (select distinct lf.facility\_id, lf.local\_facility\_name, lf.facility\_type, lf.facility\_status, lf.postal\_code, lf.customer\_id

from local\_facility as lf LIMIT 30) as lf;

**2.Query output**

|  |  |
| --- | --- |
| **<?xml version="1.0" encoding="UTF-8"?>**  **<local\_facility\_data>**  **<local\_facility facility\_id="42" facility\_status="ACTIVE">**  **<local\_facility\_name>Local Facility 42 GMBH</local\_facility\_name>**  **<facility\_type>Mixed</facility\_type>**  **<provide\_service>**  **<provide\_service\_in>**  **<postal\_code potal\_code="1386">**  **<country>Austria</country>**  **<city>Carinthia</city>**  **<continent>Europe</continent>**  **</postal\_code>**  **<provide\_service\_for>**  **<customer\_data customer\_id="120" age="26">**  **<last\_name>Bratu </last\_name>**  **<first\_name>Florian</first\_name>**  **<gender>female</gender>**  **<title>ms</title>**  **<customer\_address street="Ndbfmcgbcf Street">**  **<street>Ndbfmcgbcf Street</street>**  **<house>18</house>**  **<flat>36</flat>**  **<porch>0</porch>**  **</customer\_address>**  **</customer\_data>**  **</provide\_service\_for>**  **</provide\_service\_in>**  **</provide\_service>**  **</local\_facility>**  **…** | **…**  **<local\_facility facility\_id="366" facility\_status="INACTIVE">**  **<local\_facility\_name>Local Facility 366 GMBH</local\_facility\_name>**  **<facility\_type>Private</facility\_type>**  **<provide\_service>**  **<provide\_service\_in>**  **<postal\_code potal\_code="1002">**  **<country>Austria</country>**  **<city>Vienna</city>**  **<continent>Europe</continent>**  **</postal\_code>**  **<provide\_service\_for>**  **<customer\_data customer\_id="972" age="34">**  **<last\_name>Baconschi</last\_name>**  **<first\_name>Gianina</first\_name>**  **<gender>female</gender>**  **<title>ms</title>**  **<customer\_address street="Rmuejfcanx Street">**  **<street>Rmuejfcanx Street</street>**  **<house>20</house>**  **<flat>45</flat>**  **<porch>1</porch>**  **</customer\_address>**  **</customer\_data>**  **</provide\_service\_for>**  **</provide\_service\_in>**  **</provide\_service>**  **</local\_facility>**  **</local\_facility\_data>** |

**2. Query as a table (first 20 rows)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| facility\_id | local\_facility\_name | facility\_type | facility\_status | postal\_code | customer\_id | last\_name | first\_name | gender | age | title | street | hause | flat | porch | country | city | continent |
| 721 | Local Facility 721 GMBH | Private | INACTIVE | 1455 | 309 | Akhigbe | Aganga | male | 23 | mr | Uloorsynpl Street | 6 | 1 | 1 | Austria | Lower Austria EAST | Europe |
| 873 | Local Facility 873 GMBH | Private | ACTIVE | 1069 | 995 | Humbert | Adrien | male | 33 | mr | Lczvryfjlm Street | 50 | 23 | 0 | Austria | Vienna | Europe |
| 965 | Local Facility 965 GMBH | Mixed | INACTIVE | 1563 | 476 | О‘ОЅОґПЃОµО¬ОґО·П‚ | О”ОµПѓПЂОїО№ОЅО± | female | 24 | ms | Ywqisyldtk Street | 39 | 83 | 1 | Austria | Vienna | Europe |
| 649 | Local Facility 649 GMBH | Corporate | ACTIVE | 1827 | 822 | VДѓduva | Beniamin | male | 29 | mr | Yyqhypvbdf Street | 32 | 11 | 1 | Austria | Vienna | Europe |
| 222 | Local Facility 222 GMBH | Private | INACTIVE | 1269 | 182 | О–О±ОђОјО·П‚ | ОљО»ОµОЇП„П‰ПЃ | male | 26 | mr | Lxcgzqfyny Street | 45 | 13 | 0 | Austria | Burgenland | Europe |
| 569 | Local Facility 569 GMBH | Mixed | INACTIVE | 1819 | 42 | KollГЎr | AmГЎlia | female | 22 | ms | Efjuzfsiot Street | 23 | 4 | 0 | Austria | Tyrol | Europe |
| 637 | Local Facility 637 GMBH | Corporate | ACTIVE | 1259 | 999 | Davidovici | Bogdan | male | 29 | mr | Lkddnzfsue Street | 27 | 62 | 0 | Austria | Lower Austria EAST | Europe |
| 221 | Local Facility 221 GMBH | Private | ACTIVE | 1985 | 508 | RГ®pДѓ | AuricДѓ | male | 28 | mr | Arojwwodey Street | 10 | 51 | 1 | Austria | Upper Austria | Europe |
| 241 | Local Facility 241 GMBH | Mixed | INACTIVE | 1152 | 55 | SchrГ¶der | Max | male | 33 | mr | Geqqwmbihe Street | 40 | 50 | 1 | Austria | Vienna | Europe |
| 363 | Local Facility 363 GMBH | Corporate | INACTIVE | 1223 | 165 | MiklГіs | Gallai | male | 22 | mr | Wtbsplcojz Street | 20 | 99 | 1 | Austria | Lower Austria EAST | Europe |
| 177 | Local Facility 177 GMBH | Corporate | INACTIVE | 1127 | 382 | Castro | Araceli | female | 36 | ms | Uzfdaeuuzs Street | 45 | 74 | 0 | Austria | Vienna | Europe |
| 777 | Local Facility 777 GMBH | Mixed | ACTIVE | 1349 | 591 | Valdez | Christian | male | 33 | mr | Ykwumyiaki Street | 35 | 34 | 0 | Austria | Lower Austria WEST | Europe |
| 63 | Local Facility 63 GMBH | Private | INACTIVE | 1564 | 699 | Pineda | Benito | male | 33 | mr | Ejyithygkr Street | 26 | 89 | 1 | Austria | Salzburg | Europe |
| 972 | Local Facility 972 GMBH | Private | ACTIVE | 1035 | 744 | Otto | Milena | female | 25 | ms | Afbiwctmbm Street | 21 | 61 | 0 | Austria | Upper Austria | Europe |
| 697 | Local Facility 697 GMBH | Mixed | INACTIVE | 1830 | 646 | Jean | Loane | female | 30 | ms | Zhloggcabz Street | 13 | 43 | 1 | Austria | Styria | Europe |
| 220 | Local Facility 220 GMBH | Mixed | INACTIVE | 1736 | 301 | Sadoveanu | Beniamin | male | 23 | mr | Emikczcvjo Street | 18 | 10 | 0 | Austria | Styria | Europe |
| 513 | Local Facility 513 GMBH | Corporate | ACTIVE | 1477 | 169 | ОњО­О»О№ОїО№ | ОљПЊПЃОїО№ОІОїП‚ | male | 25 | mr | Dlwpevyqwz Street | 18 | 70 | 0 | Austria | Lower Austria WEST | Europe |
| 610 | Local Facility 610 GMBH | Corporate | ACTIVE | 1214 | 386 | Mocioni | Aura | female | 22 | ms | Xccgprkbmr Street | 23 | 57 | 1 | Austria | Lower Austria WEST | Europe |
| 696 | Local Facility 696 GMBH | Corporate | INACTIVE | 1794 | 237 | О’О­ПЃОіО±П‚ | О•П…ОєО»ОµОЇОґО·П‚ | male | 26 | mr | Pwjszqgxow Street | 44 | 71 | 1 | Austria | Upper Austria | Europe |
| 885 | Local Facility 885 GMBH | Mixed | INACTIVE | 1924 | 296 | Valdez | Christian | male | 33 | mr | Ufkjifojso Street | 18 | 77 | 0 | Austria | Tyrol | Europe |

**3.Query: Fetch all appointment data**

SELECT xmlroot(xmlelement(name "appointment\_data",

xmlagg(

xmlelement(name "appointment", xmlattributes(ap.appointment\_id as appointment\_id),

xmlforest(

ap.appointment\_type as appointment\_type,

ap.special\_handling as special\_handling

),

xmlelement(name "appointment\_details",

xmlelement(name "customer\_info",

(SELECT xmlagg(

xmlelement(name "customer\_details", xmlattributes(c.customer\_id as customer\_id, c.age as age),

xmlforest(

c.customer\_to\_export as customer\_to\_export

)

)

)

FROM customer c where ap.customer\_id = c.customer\_id

)

),

xmlelement(name "appointment\_date", xmlattributes(ap.appointment\_id as appointment\_id),

xmlforest(

ap.real\_date as real\_date,

ap.esimated\_date as estimated\_date

)

),

xmlelement(name "status",

xmlelement(name "symptom", xmlattributes(ap.symptom\_type as symptom\_type),

xmlforest(

ap.symptom\_description as symptom\_description,

ap.caused\_by as caused\_by,

ap.assumption as assumption,

ap.symptom\_from as symptom\_from

),

xmlelement(name "status", xmlattributes(ap.status as status, ap.status\_type as status\_type),

xmlforest(

ap.repared as repared,

ap.spendet\_time as spendet\_time,

ap.esitmated\_time as estimated\_time

)

)

)

)

)

)

)

),

version '1.0', standalone yes)

FROM (select distinct ap.appointment\_id, ap.appointment\_type, ap.special\_handling, ap.real\_date, ap.esimated\_date, ap.customer\_id,

s.symptom\_type, s.symptom\_description, s.caused\_by, s.assumption, s.symptom\_from,

rep.status, rep.status\_type, rep.repared, rep.spendet\_time, rep.esitmated\_time

from appointment ap

JOIN repair\_status rep ON ap.appointment\_id = rep.appointment\_id

JOIN symptom s ON ap.appointment\_id = s.appointment\_id LIMIT 30) as ap;

**3.Query output**

|  |  |
| --- | --- |
| **<?xml version="1.0" encoding="UTF-8"?>**  **<appointment\_data>**  **<appointment appointment\_id="644">**  **<appointment\_type>CORPORATE</appointment\_type>**  **<special\_handling>As quick as possible</special\_handling>**  **<appointment\_details>**  **<customer\_info>**  **<customer\_details customer\_id="466" age="34">**  **<customer\_to\_export>**  **<customer\_data>**  **<customer>**  **<customer\_id>466</customer\_id>**  **<fridge\_id>778</fridge\_id>**  **<first\_name>Paridhi</first\_name>**  **<last\_name>Malhotra</last\_name>**  **<gender>female</gender>**  **<age>34</age>**  **<title>ms</title>**  **<phone>(360) 210 7424</phone>**  **<email>paridhi-83@example.com</email>**  **<customer\_address>**  **<street>Nyyldxodlg Street</street>**  **<hause>47</hause>**  **<flat>95</flat>**  **<porch>0</porch>**  **<postal\_code>**  **<postal\_code>1816</postal\_code>**  **<country>Austria</country>**  **<city>Tyrol</city>**  **<continent>Europe</continent>**  **<type>commercial</type>**  **</postal\_code>**  **</customer\_address>**  **</customer>**  **</customer\_data>**  **</customer\_to\_export>**  **</customer\_details>**  **</customer\_info>**  **<appointment\_date appointment\_id="644">**  **<real\_date>2015-07-10</real\_date>**  **<estimated\_date>2017-04-19</estimated\_date>**  **</appointment\_date>**  **<status>**  **<symptom symptom\_type="COOL\_FREEZEIN ">**  **<symptom\_description>Doesnt give me a cool vibes</symptom\_description>**  **<caused\_by>Cat</caused\_by>**  **<assumption>UNKNOWN</assumption>**  **<symptom\_from>2011-09-28</symptom\_from>**  **<status status="NEED TO TAKE FRIDGE " status\_type="WARNING ">**  **<repared>NEED TO TAKE FRIDGE</repared>**  **<spendet\_time>03:42:27</spendet\_time>**  **<estimated\_time>04:14:09</estimated\_time>**  **</status>**  **</symptom>**  **</status>**  **</appointment\_details>**  **</appointment>**  **…** | **…**  **<appointment appointment\_id="687">**  **<appointment\_type>PRIVATE</appointment\_type>**  **<special\_handling>As quick as possible</special\_handling>**  **<appointment\_details>**  **<customer\_info>**  **<customer\_details customer\_id="112" age="33">**  **<customer\_to\_export>**  **<customer\_data>**  **<customer>**  **<customer\_id>112</customer\_id>**  **<fridge\_id>961</fridge\_id>**  **<first\_name>Samuel</first\_name>**  **<last\_name>Anderson</last\_name>**  **<gender>male</gender>**  **<age>33</age>**  **<title>mr</title>**  **<phone>(186) 226 1361</phone>**  **<email>samuel-84@example.com</email>**  **<customer\_address>**  **<street>Mhdlioexbr Street</street>**  **<hause>44</hause>**  **<flat>29</flat>**  **<porch>0</porch>**  **<postal\_code>**  **<postal\_code>1983</postal\_code>**  **<country>Austria</country>**  **<city>Burgenland</city>**  **<continent>Europe</continent>**  **<type>private</type>**  **</postal\_code>**  **</customer\_address>**  **</customer>**  **</customer\_data>**  **</customer\_to\_export>**  **</customer\_details>**  **</customer\_info>**  **<appointment\_date appointment\_id="687">**  **<real\_date>2014-09-26</real\_date>**  **<estimated\_date>2012-06-14</estimated\_date>**  **</appointment\_date>**  **<status>**  **<symptom symptom\_type="ELECTRONICAL">**  **<symptom\_description>Dosnt turn on</symptom\_description>**  **<caused\_by>Baby</caused\_by>**  **<assumption>UNKNOWN</assumption>**  **<symptom\_from>2011-03-25</symptom\_from>**  **<status status="NEED HELP" status\_type="WARNING">**  **<repared>NEED HELP</repared>**  **<spendet\_time>00:16:04</spendet\_time>**  **<estimated\_time>04:10:29</estimated\_time>**  **</status>**  **</symptom>**  **</status>**  **</appointment\_details>**  **</appointment>**  **</appointment\_data>** |

1. **Query as a table (first 20 rows)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| appointment\_id | appointment\_type | special\_handling | real\_date | esimated\_date | customer\_id | symptom\_type | symptom\_description | caused\_by | assumption | symptom\_from | status | status\_type | repared | spendet\_time | esitmated\_time | customer\_to\_export |
| 1 | CORPORATE | Quality Inspection | 26.04.11 | 01.12.10 | 610 | OUTESIDE DAMAGE | Doesnt give me a cool vibes | Wife | Dance on Fridge | 19.07.16 | NEED TOOLS | CRITICAL | NEED TOOLS | 8:57:25 | 9:23:10 | <customer\_data><customer>… <customer></customer\_data> |
| 2 | CORPORATE | Quality Inspection | 23.05.15 | 15.10.10 | 147 | OUTESIDE DAMAGE | Dosnt turn on | Baby | Too high woltage | 23.12.11 | NEED TO TAKE FRIDGE | DEFAULT | NEED TO TAKE FRIDGE | 8:23:22 | 5:48:53 | <customer\_data><customer>… <customer></customer\_data> |
| 3 | CORPORATE | As quick as possible | 24.05.14 | 25.05.13 | 768 | COOL\_FREEZEIN | Dosnt turn on | Cat | UNKNOWN | 18.11.13 | NEED HELP | CRITICAL | NEED HELP | 5:19:28 | 4:56:59 | <customer\_data><customer>… <customer></customer\_data> |
| 4 | CORPORATE | Quality Inspection | 20.03.11 | 06.05.11 | 935 | ELECTRONICAL | Doesnt give me a cool vibes | Dog | Too high woltage | 02.07.16 | NEED HELP | WARNING | NEED HELP | 8:27:09 | 0:44:13 | <customer\_data><customer>… <customer></customer\_data> |
| 5 | CORPORATE | As quick as possible | 15.11.11 | 26.01.13 | 853 | ELECTRONICAL | FRIDGE IS ON FIREEEE | Wife | UNKNOWN | 17.12.16 | NEED HELP | DEFAULT | NEED HELP | 12:30:13 | 8:39:25 | <customer\_data><customer>… <customer></customer\_data> |
| 6 | CORPORATE | DEFAULT | 16.05.14 | 29.06.15 | 667 | ELECTRONICAL | Doesnt really work | Baby | Drop fridge | 01.04.12 | NEED HELP | DEFAULT | NEED HELP | 12:53:43 | 7:34:14 | <customer\_data><customer>… <customer></customer\_data> |
| 7 | CORPORATE | Quality Inspection | 27.03.11 | 24.08.13 | 592 | ICE | FRIDGE IS ON FIREEEE | Wife | Too many beer there | 05.12.11 | NEED TO TAKE FRIDGE | CRITICAL | NEED TO TAKE FRIDGE | 9:26:27 | 6:49:59 | <customer\_data><customer>… <customer></customer\_data> |
| 8 | CORPORATE | As quick as possible | 01.06.11 | 05.05.12 | 580 | OUTESIDE DAMAGE | Doesnt really work | Cat | Too high woltage | 04.11.13 | NEED TO TAKE FRIDGE | DEFAULT | NEED TO TAKE FRIDGE | 0:05:11 | 0:53:33 | <customer\_data><customer>… <customer></customer\_data> |
| 9 | CORPORATE | Quality Inspection | 19.03.11 | 25.04.14 | 752 | ICE | Dosnt turn on | Baby | Too high woltage | 11.06.11 | NEED TO TAKE FRIDGE | WARNING | NEED TO TAKE FRIDGE | 1:15:29 | 8:26:30 | <customer\_data><customer>… <customer></customer\_data> |
| 10 | PRIVATE | Quality Inspection | 22.12.16 | 29.09.11 | 901 | ELECTRONICAL | UNKNOWN | Dog | UNKNOWN | 22.03.13 | NEED HELP | DEFAULT | NEED HELP | 12:31:23 | 0:57:19 | <customer\_data><customer>… <customer></customer\_data> |
| 11 | CORPORATE | As quick as possible | 27.03.17 | 07.05.11 | 550 | OUTESIDE DAMAGE | Doesnt give me a cool vibes | Cat | Too many beer there | 11.09.12 | ALL OK | WARNING | ALL OK | 11:23:10 | 2:08:31 | <customer\_data><customer>… <customer></customer\_data> |
| 12 | PRIVATE | Quality Inspection | 22.10.14 | 13.11.17 | 166 | FREEZING | Doesnt give me a cool vibes | UNKNOWN | Too many beer there | 05.12.12 | NEED TOOLS | CRITICAL | NEED TOOLS | 5:59:29 | 3:19:52 | <customer\_data><customer>… <customer></customer\_data> |
| 13 | CORPORATE | DEFAULT | 04.06.17 | 06.06.17 | 593 | OUTESIDE DAMAGE | UNKNOWN | Wife | Too many beer there | 27.07.13 | NEED TOOLS | WARNING | NEED TOOLS | 8:09:20 | 12:40:04 | <customer\_data><customer>… <customer></customer\_data> |
| 14 | CORPORATE | DEFAULT | 09.01.14 | 11.10.16 | 144 | OUTESIDE DAMAGE | FRIDGE IS ON FIREEEE | UNKNOWN | Dance on Fridge | 29.05.12 | NEED TOOLS | WARNING | NEED TOOLS | 7:58:30 | 0:34:21 | <customer\_data><customer>… <customer></customer\_data> |
| 15 | CORPORATE | As quick as possible | 23.07.12 | 30.07.13 | 458 | FREEZING | Doesnt give me a cool vibes | Wife | UNKNOWN | 27.04.13 | NEED TOOLS | CRITICAL | NEED TOOLS | 4:49:18 | 11:51:19 | <customer\_data><customer>… <customer></customer\_data> |
| 16 | PRIVATE | As quick as possible | 22.05.14 | 06.09.13 | 874 | FREEZING | UNKNOWN | Dog | Dance on Fridge | 21.02.10 | NEED TOOLS | DEFAULT | NEED TOOLS | 10:25:29 | 12:07:37 | <customer\_data><customer>… <customer></customer\_data> |
| 17 | PRIVATE | As quick as possible | 26.04.13 | 17.04.16 | 947 | ELECTRONICAL | Dosnt turn on | UNKNOWN | UNKNOWN | 19.09.10 | ALL OK | WARNING | ALL OK | 12:46:14 | 8:24:01 | <customer\_data><customer>… <customer></customer\_data> |
| 18 | CORPORATE | Quality Inspection | 08.08.11 | 12.11.15 | 846 | ELECTRONICAL | FRIDGE IS ON FIREEEE | UNKNOWN | Too high woltage | 13.09.17 | NEED HELP | WARNING | NEED HELP | 5:10:20 | 1:12:13 | <customer\_data><customer>… <customer></customer\_data> |
| 19 | PRIVATE | As quick as possible | 21.03.17 | 23.06.14 | 692 | FREEZING | Dosnt turn on | Baby | Too high woltage | 21.01.13 | ALL OK | DEFAULT | ALL OK | 7:57:25 | 11:03:13 | <customer\_data><customer>… <customer></customer\_data> |
| 20 | CORPORATE | Quality Inspection | 29.12.17 | 08.03.10 | 893 | FREEZING | Doesnt give me a cool vibes | Dog | Too high woltage | 28.12.14 | ALL OK | DEFAULT | ALL OK | 10:04:45 | 9:28:47 | <customer\_data><customer>… <customer></customer\_data> |

**4.Query: Fetch all rate data (using xml)**

SELECT xmlroot(xmlelement(name "rate\_data",

xmlagg(

xmlelement(name "rate", xmlattributes(ap.appointment\_id AS appointment\_id),

xmlforest(

ap.appointment\_type AS appointment\_type,

ap.special\_handling AS special\_handling

),

xmlelement(name "rate\_details",

xmlelement(name "status", xmlattributes(ap.status AS status,ap.status\_type AS status\_type, ap.rate AS rate, ap.rate\_type AS rate\_type),

xmlforest(

ap.repared AS repared,

ap.spendet\_time AS spendet\_time,

ap.esitmated\_time AS estimated\_time

)

),

xmlforest(

ap.rate\_description AS rate\_description,

ap.recommend AS recommend

),

xmlelement(name "customer\_data",

(SELECT xmlagg(

xmlforest(

c.customer\_to\_export AS customer\_to\_export

)

)

FROM customer c WHERE c.customer\_id = ap.customer\_id

)

)

)

))),

version '1.0', standalone yes)

FROM (SELECT DISTINCT ap.appointment\_id, ap.appointment\_type, ap.special\_handling, ap.customer\_id,

rep.status, rep.status\_type, rep.repared, rep.spendet\_time, rep.esitmated\_time,

fr.rate, fr.rate\_description, fr.rate\_type, fr.recommend

FROM appointment ap

JOIN facility\_rate fr ON ap.appointment\_id = fr.appointment\_id

JOIN repair\_status rep ON ap.appointment\_id = rep.appointment\_id

LIMIT 30) AS ap;

**4.Query output**

|  |  |
| --- | --- |
| **<?xml version="1.0" encoding="UTF-8"?>**  **<rate\_data>**  **<rate appointment\_id="689">**  **<appointment\_type>PRIVATE</appointment\_type>**  **<special\_handling>Quality Inspection</special\_handling>**  **<rate\_details>**  **<status status="NEED HELP " status\_type="DEFAULT " rate="5" rate\_type="POSITIVE">**  **<repared>NEED HELP</repared>**  **<spendet\_time>02:43:07</spendet\_time>**  **<estimated\_time>11:50:29</estimated\_time>**  **</status>**  **<rate\_description>Funny Guy</rate\_description>**  **<recommend>YES</recommend>**  **<customer\_data>**  **<customer\_to\_export>**  **<customer\_data>**  **<customer>**  **<customer\_id>189</customer\_id>**  **<fridge\_id>64</fridge\_id>**  **<first\_name>Robert</first\_name>**  **<last\_name>Alvarez</last\_name>**  **<gender>male</gender>**  **<age>22</age>**  **<title>mr</title>**  **<phone>(964) 265 1784</phone>**  **<email>robert-95@example.com</email>**  **<customer\_address>**  **<street>Klzzltlnru Street</street>**  **<hause>11</hause>**  **<flat>16</flat>**  **<porch>1</porch>**  **<postal\_code>**  **<postal\_code>1677</postal\_code>**  **<country>Austria</country>**  **<city>Styria</city>**  **<continent>Europe</continent>**  **<type>commercial</type>**  **</postal\_code>**  **</customer\_address>**  **</customer>**  **</customer\_data>**  **</customer\_to\_export>**  **</customer\_data>**  **</rate\_details>**  **</rate>**  **…** | **…**  **<rate appointment\_id="92">**  **<appointment\_type>PRIVATE</appointment\_type>**  **<special\_handling>DEFAULT</special\_handling>**  **<rate\_details>**  **<status status="NEED TO TAKE FRIDGE " status\_type="DEFAULT " rate="4" rate\_type="POSITIVE">**  **<repared>NEED TO TAKE FRIDGE</repared>**  **<spendet\_time>02:38:28</spendet\_time>**  **<estimated\_time>00:09:53</estimated\_time>**  **</status>**  **<rate\_description>OMG SO BAD FUUUU</rate\_description>**  **<recommend>MORE NO</recommend>**  **<customer\_data>**  **<customer\_to\_export>**  **<customer\_data>**  **<customer>**  **<customer\_id>779</customer\_id>**  **<fridge\_id>810</fridge\_id>**  **<first\_name>Nathan</first\_name>**  **<last\_name>Price</last\_name>**  **<gender>male</gender>**  **<age>21</age>**  **<title>mr</title>**  **<phone>(543) 968 1944</phone>**  **<email>nathan\_price@example.com</email>**  **<customer\_address>**  **<street>Hyvtycsvaw Street</street>**  **<hause>11</hause>**  **<flat>7</flat>**  **<porch>1</porch>**  **<postal\_code>**  **<postal\_code>1689</postal\_code>**  **<country>Austria</country>**  **<city>Lower Austria EAST</city>**  **<continent>Europe</continent>**  **<type>private</type>**  **</postal\_code>**  **</customer\_address>**  **</customer>**  **</customer\_data>**  **</customer\_to\_export>**  **</customer\_data>**  **</rate\_details>**  **</rate>**  **</rate\_data>** |

1. **Query as a table (first 20 rows)**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| appointment\_id | appointment\_type | special\_handling | customer\_id | status | statys\_type | repared | spendet\_time | estimated\_time | rate | rate\_descrtiption | rate\_type | customer\_to\_export | recommend |
| 1 | CORPORATE | Quality Inspection | 610 | NEED TOOLS | CRITICAL | NEED TOOLS | 8:57:25 | 9:23:10 | 1.0 | NOT GOOD | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | NOT SURE |
| 2 | CORPORATE | Quality Inspection | 147 | NEED TO TAKE FRIDGE | DEFAULT | NEED TO TAKE FRIDGE | 8:23:22 | 5:48:53 | 3.0 | Was cool | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | NOT SURE |
| 3 | CORPORATE | As quick as possible | 768 | NEED HELP | CRITICAL | NEED HELP | 5:19:28 | 4:56:59 | 5.0 | GOOD | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | NO |
| 4 | CORPORATE | Quality Inspection | 935 | NEED HELP | WARNING | NEED HELP | 8:27:09 | 0:44:13 | 3.0 | Pretty Quick | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | NOT SURE |
| 5 | CORPORATE | As quick as possible | 853 | NEED HELP | DEFAULT | NEED HELP | 12:30:13 | 8:39:25 | 3.0 | NOT GOOD | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | MORE NO |
| 6 | CORPORATE | DEFAULT | 667 | NEED HELP | DEFAULT | NEED HELP | 12:53:43 | 7:34:14 | 4.0 | OMG SO BAD FUUUU | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | MORE NO |
| 7 | CORPORATE | Quality Inspection | 592 | NEED TO TAKE FRIDGE | CRITICAL | NEED TO TAKE FRIDGE | 9:26:27 | 6:49:59 | 5.0 | Pretty Quick | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | NO |
| 8 | CORPORATE | As quick as possible | 580 | NEED TO TAKE FRIDGE | DEFAULT | NEED TO TAKE FRIDGE | 0:05:11 | 0:53:33 | 3.0 | Liked it | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | MORE NO |
| 9 | CORPORATE | Quality Inspection | 752 | NEED TO TAKE FRIDGE | WARNING | NEED TO TAKE FRIDGE | 1:15:29 | 8:26:30 | 2.0 | Liked it | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | MORE NO |
| 10 | PRIVATE | Quality Inspection | 901 | NEED HELP | DEFAULT | NEED HELP | 12:31:23 | 0:57:19 | 5.0 | Was cool | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | NO |
| 11 | CORPORATE | As quick as possible | 550 | ALL OK | WARNING | ALL OK | 11:23:10 | 2:08:31 | 1.0 | Was cool | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | MORE YES |
| 12 | PRIVATE | Quality Inspection | 166 | NEED TOOLS | CRITICAL | NEED TOOLS | 5:59:29 | 3:19:52 | 4.0 | GOOD | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | MORE NO |
| 13 | CORPORATE | DEFAULT | 593 | NEED TOOLS | WARNING | NEED TOOLS | 8:09:20 | 12:40:04 | 1.0 | GOOD | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | NO |
| 14 | CORPORATE | DEFAULT | 144 | NEED TOOLS | WARNING | NEED TOOLS | 7:58:30 | 0:34:21 | 1.0 | GOOD | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | NO |
| 15 | CORPORATE | As quick as possible | 458 | NEED TOOLS | CRITICAL | NEED TOOLS | 4:49:18 | 11:51:19 | 3.0 | Liked it | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | MORE YES |
| 16 | PRIVATE | As quick as possible | 874 | NEED TOOLS | DEFAULT | NEED TOOLS | 10:25:29 | 12:07:37 | 5.0 | Pretty Quick | NEGATIVE | <customer\_data><customer>… <customer></customer\_data> | NO |
| 17 | PRIVATE | As quick as possible | 947 | ALL OK | WARNING | ALL OK | 12:46:14 | 8:24:01 | 1.0 | GOOD | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | YES |
| 18 | CORPORATE | Quality Inspection | 846 | NEED HELP | WARNING | NEED HELP | 5:10:20 | 1:12:13 | 1.0 | GOOD | POSITIVE | <customer\_data><customer>… <customer></customer\_data> | NOT SURE |

**5.Query: Fetch all rate and facilities data (using xml)**

SELECT xmlroot(xmlelement(name "rates\_and\_facilities",

xmlagg(

xmlelement(name "rates\_of\_particular\_facility",

xmlelement(name "facility\_data", xmlattributes(lf.facility\_id as facility\_id, lf.facility\_type as facility\_type),

xmlforest(

lf.local\_facility\_name as local\_facility\_name,

lf.facility\_status as facility\_status

),

xmlelement(name "detailed\_data",

(SELECT

xmlagg(

xmlelement(name "appointment", xmlattributes(ap.appointment\_id as appointment\_id),

xmlforest(

ap.appointment\_data\_to\_export as appointment\_data\_to\_export

)

)

)

FROM appointment ap where ap.facility\_id = lf.facility\_id

),

xmlelement(name "facility\_rate",

(SELECT

xmlagg(

xmlelement(name "appointment", xmlattributes(fr.rate as rate, fr.rate\_type as rate\_type),

xmlforest(

fr.rate\_description as rate\_description,

fr.recommend as recommend

)

)

)

FROM facility\_rate fr JOIN repair\_status rep ON lf.appointment\_id = rep.appointment\_id

where lf.appointment\_id = fr.appointment\_id

)

)

)

)

)

)

),

version '1.0', standalone yes)

FROM (SELECT DISTINCT lf.facility\_id, lf.local\_facility\_name, lf.facility\_type, lf.facility\_status,

a.appointment\_id

from local\_facility lf JOIN appointment a ON a.facility\_id = lf.facility\_id

LIMIT 30) as lf;

**5.Query output (because of xml it’s pretty big)**

|  |  |
| --- | --- |
| **<?xml version="1.0" encoding="UTF-8"?>**  **<rates\_and\_facilities>**  **<rates\_of\_particular\_facility>**  **<facility\_data facility\_id="610" facility\_type="Corporate">**  **<local\_facility\_name>Local Facility 610 GMBH</local\_facility\_name>**  **<facility\_status>ACTIVE</facility\_status>**  **<detailed\_data>**  **<appointment appointment\_id="787">**  **<appointment\_data\_to\_export>**  **<appointment\_data>**  **<appointment>**  **<appointment\_id>787</appointment\_id>**  **<appointment\_type>CORPORATE</appointment\_type>**  **<special\_handling>DEFAULT</special\_handling>**  **<esimated\_date>2010-09-13</esimated\_date>**  **<real\_date>2014-07-18</real\_date>**  **<customer\_id>302</customer\_id>**  **<facility>**  **<facility\_id>105</facility\_id>**  **<local\_facility\_name>Local Facility 105 GMBH</local\_facility\_name>**  **<facility\_type>Mixed</facility\_type>**  **<facility\_status>INACTIVE</facility\_status>**  **<repair>**  **<status>NEED HELP</status>**  **<status\_type>WARNING</status\_type>**  **<repared>NEED HELP</repared>**  **<spendet\_time>01:30:28</spendet\_time>**  **<esitmated\_time>12:42:36</esitmated\_time>**  **<symptom>**  **<symptom\_type>FREEZING</symptom\_type>**  **<symptom\_description>Doesnt give me a cool vibes</symptom\_description>**  **<caused\_by>Cat</caused\_by>**  **<assumption>Too many beer there</assumption>**  **<symptom\_from>2017-07-26</symptom\_from>**  **</symptom>**  **</repair>**  **</facility>**  **</appointment>**  **</appointment\_data>**  **</appointment\_data\_to\_export>**  **</appointment>**  **<appointment>**  **<appointment\_data\_to\_export>**  **<appointment\_data>**  **<appointment>**  **<appointment\_id>787</appointment\_id>**  **<appointment\_type>CORPORATE</appointment\_type>**  **<special\_handling>Quality Inspection</special\_handling>**  **<esimated\_date>2013-12-21</esimated\_date>**  **<real\_date>2015-10-15</real\_date>**  **<customer\_id>184</customer\_id>** | **<facility>**  **<facility\_id>333</facility\_id>**  **<local\_facility\_name>Local Facility 333 GMBH</local\_facility\_name>**  **<facility\_type>Mixed</facility\_type>**  **<facility\_status>INACTIVE</facility\_status>**  **<repair>**  **<status>ALL OK</status>**  **<status\_type>DEFAULT</status\_type>**  **<repared>ALL OK</repared>**  **<spendet\_time>11:47:39</spendet\_time>**  **<esitmated\_time>03:53:12</esitmated\_time>**  **<symptom>**  **<symptom\_type>FREEZING</symptom\_type>**  **<symptom\_description>Dosnt turn on</symptom\_description>**  **<caused\_by>UNKNOWN</caused\_by>**  **<assumption>UNKNOWN</assumption>**  **<symptom\_from>2010-09-29</symptom\_from>**  **</symptom>**  **</repair>**  **</facility>**  **</appointment>**  **</appointment\_data>**  **</appointment\_data\_to\_export>**  **</appointment>**  **<facility\_rate>**  **<appointment rate="1" rate\_type="POSITIVE">**  **<rate\_description>Was cool</rate\_description>**  **<recommend>MORE NO</recommend>**  **</appointment>**  **</facility\_rate>**  **</detailed\_data>**  **</facility\_data>**  **</rates\_of\_particular\_facility>**  **…**  **<facility\_data>**  **…**  **</facility\_rate>**  **</detailed\_data>**  **</facility\_data>**  **</rates\_of\_particular\_facility>**  **</rates\_and\_facilities>** |

5. **Query as a table (first 20 rows)**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| facility\_id | local\_facility\_name | facility\_type | facility\_status | appointment\_id | rate | rate\_description | rate\_type | recommend | appointment\_data\_to\_export |
| 380 | Local Facility 380 GMBH | Mixed | INACTIVE | 58 | 1 | OMG SO BAD FUUUU | POSITIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 380 | Local Facility 380 GMBH | Mixed | INACTIVE | 642 | 1 | OMG SO BAD FUUUU | POSITIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 380 | Local Facility 380 GMBH | Mixed | INACTIVE | 509 | 1 | OMG SO BAD FUUUU | POSITIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 357 | Local Facility 357 GMBH | Private | ACTIVE | 23 | 1 | Funny Guy | POSITIVE | MORE YES | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 293 | Local Facility 293 GMBH | Mixed | ACTIVE | 13 | 1 | GOOD | POSITIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 655 | Local Facility 655 GMBH | Private | INACTIVE | 5 | 3 | NOT GOOD | NEGATIVE | MORE NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 655 | Local Facility 655 GMBH | Private | INACTIVE | 474 | 3 | NOT GOOD | NEGATIVE | MORE NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 124 | Local Facility 124 GMBH | Private | ACTIVE | 72 | 3 | Pretty Quick | POSITIVE | NOT SURE | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 124 | Local Facility 124 GMBH | Private | ACTIVE | 311 | 3 | Pretty Quick | POSITIVE | NOT SURE | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 124 | Local Facility 124 GMBH | Private | ACTIVE | 114 | 3 | Pretty Quick | POSITIVE | NOT SURE | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 469 | Local Facility 469 GMBH | Mixed | ACTIVE | 170 | 4 | Liked it | POSITIVE | MORE YES | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 469 | Local Facility 469 GMBH | Mixed | ACTIVE | 373 | 4 | Liked it | POSITIVE | MORE YES | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 669 | Local Facility 669 GMBH | Corporate | ACTIVE | 109 | 4 | NOT GOOD | NEGATIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 669 | Local Facility 669 GMBH | Corporate | ACTIVE | 652 | 4 | NOT GOOD | NEGATIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 669 | Local Facility 669 GMBH | Corporate | ACTIVE | 750 | 4 | NOT GOOD | NEGATIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 99 | Local Facility 99 GMBH | Corporate | INACTIVE | 140 | 1 | Was cool | NEGATIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 388 | Local Facility 388 GMBH | Mixed | INACTIVE | 146 | 5 | Funny Guy | POSITIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 388 | Local Facility 388 GMBH | Mixed | INACTIVE | 175 | 5 | Funny Guy | POSITIVE | NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 867 | Local Facility 867 GMBH | Mixed | INACTIVE | 130 | 1 | Liked it | POSITIVE | MORE NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |
| 867 | Local Facility 867 GMBH | Mixed | INACTIVE | 774 | 1 | Liked it | POSITIVE | MORE NO | <appointment\_data><appointment> ...</appointment></appointment\_data> |