

ORACLE

Corso SQL APEX ITALIA MARITTIMA

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Chi Sono

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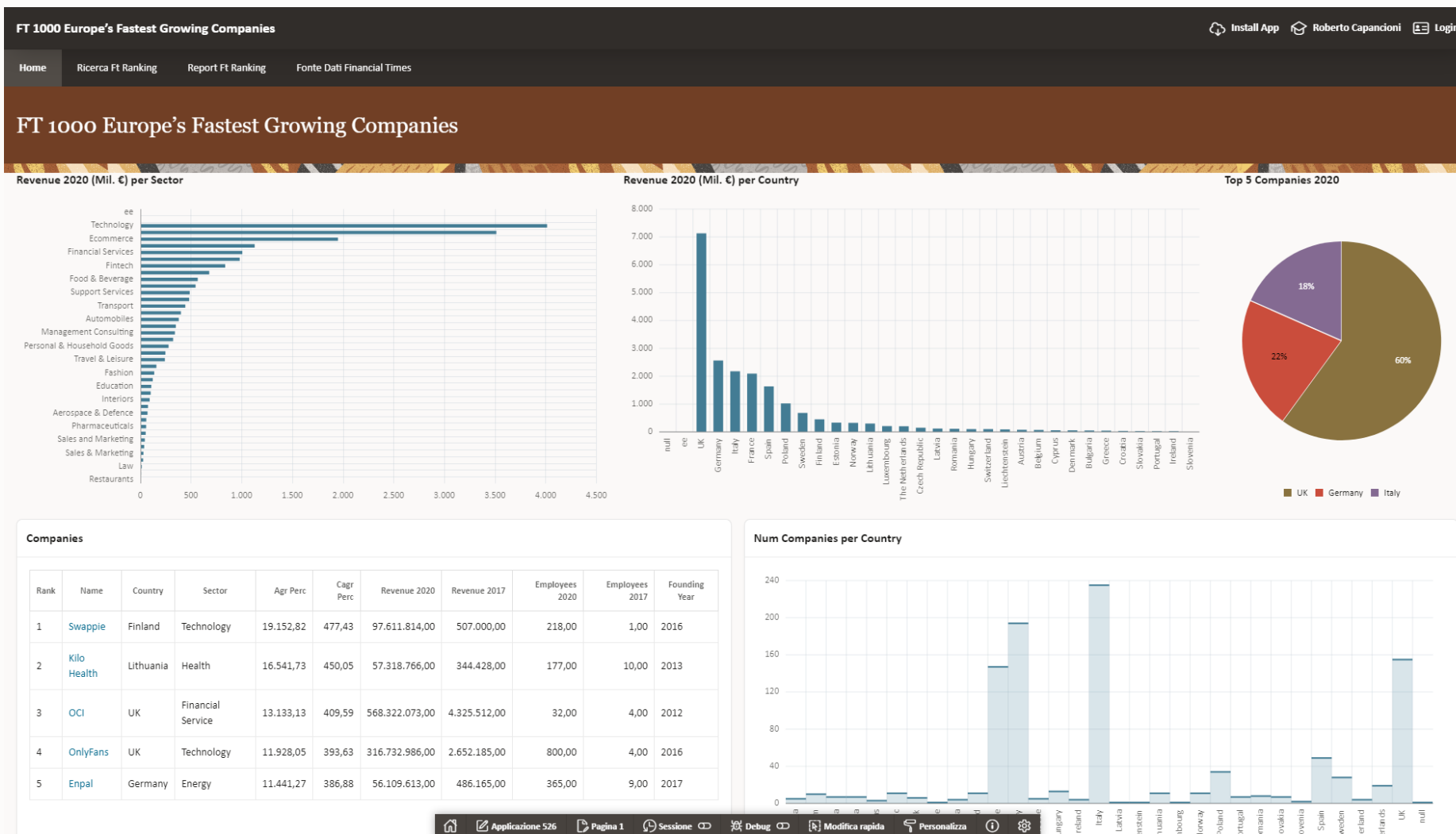
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FT 1000 Europe's Fastest Growing Companies

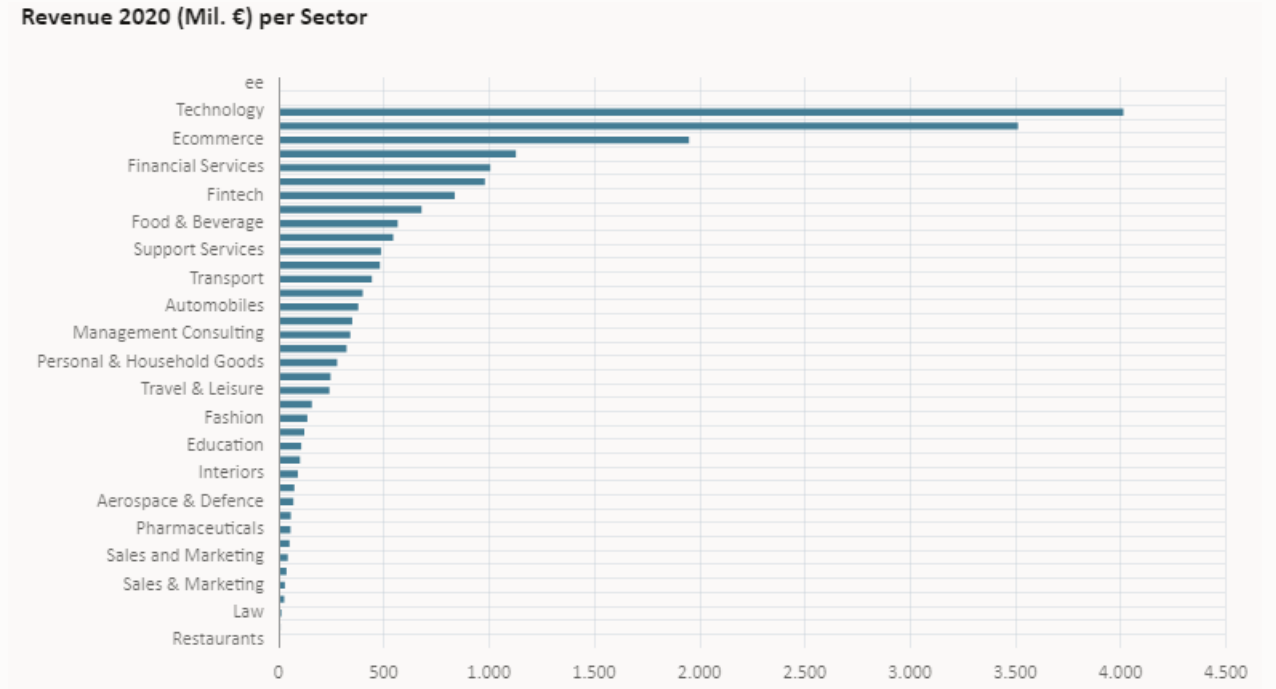
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FT 1000 Europe's Fastest Growing Companies



FT 1000 Europe's Fastest Growing Companies

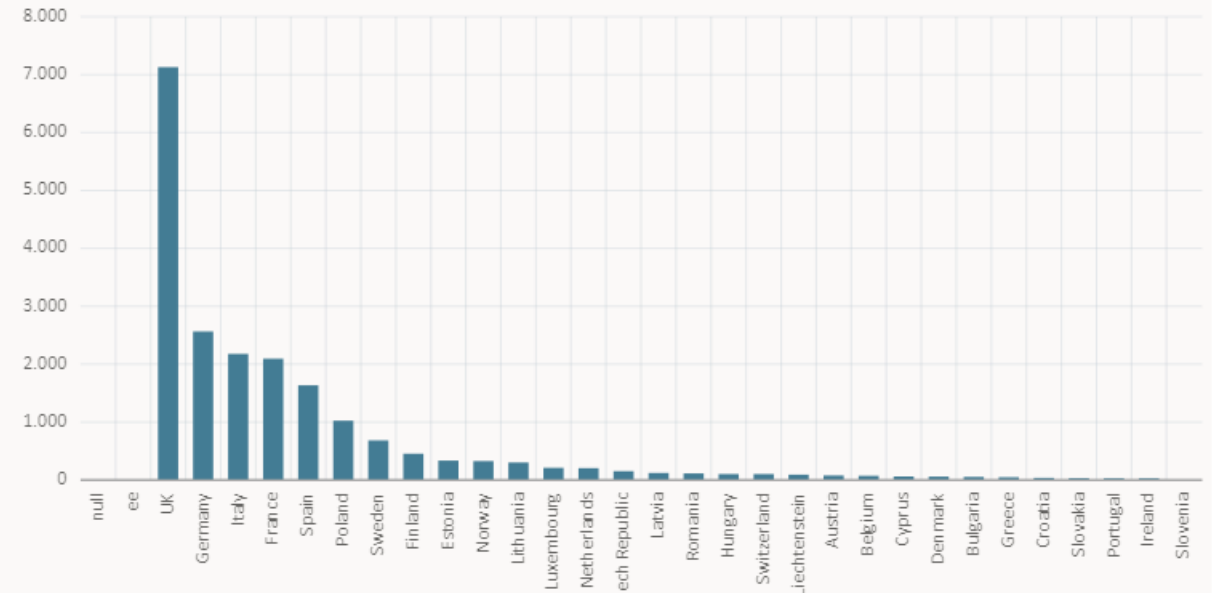
```
select settore,  
       sum(revenue_2020/1000000)  
         as revenue_2020  
from d17_classifica_ft  
group by settore  
order by revenue_2020 desc
```



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```
select NAZIONE,  
       sum(REVENUE_2020/1000000)  
         as REVENUE_2020  
from d12_classifica_ft  
group by NAZIONE  
order by REVENUE_2020 desc
```

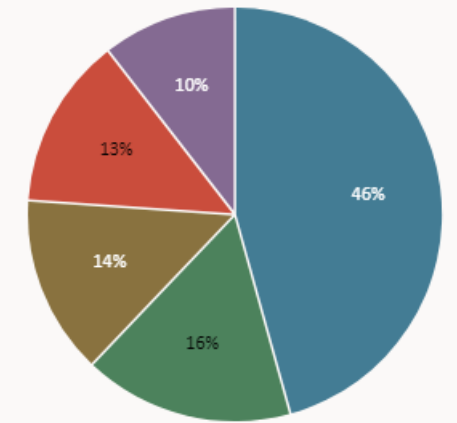
Revenue 2020 (Mil. €) per Country



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```
select NAZIONE,  
       sum(REVENUE_2020/1000000) as REVENUE_2020  
  from d17_classifica_ft  
 group by NAZIONE  
 order by REVENUE_2020 desc nulls last  
  FETCH NEXT 5 ROWS ONLY
```

Top 5 Country 2020



■ UK ■ Germany ■ Italy ■ France ■ Spain

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```
select id,  
       classifica,  
       web,  
       nome,  
       nazione,  
       settore,  
       agr_perc,  
       cagr_perc,  
       revenue_2020,  
       revenue_2017,  
       anno_inizio  
from d17_classifica_ft
```

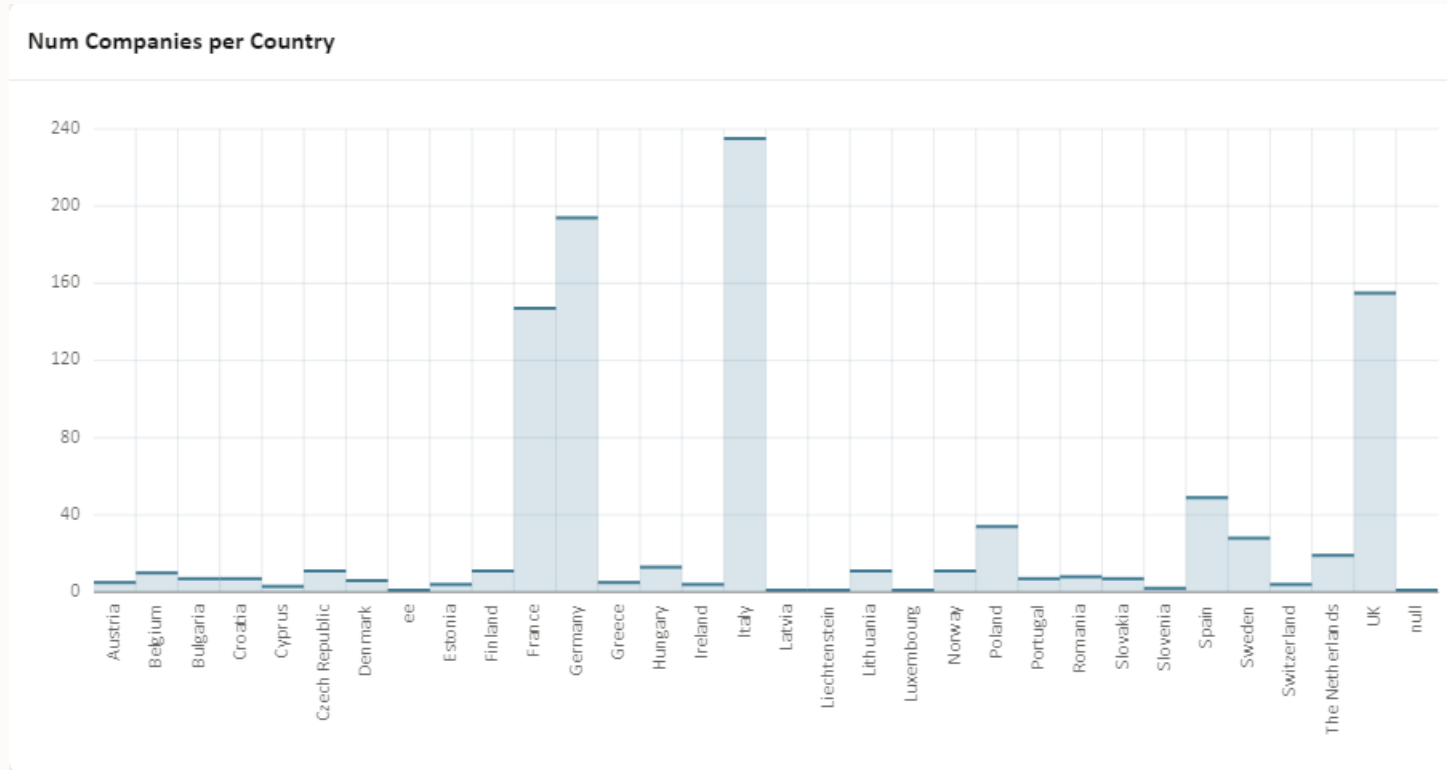
Companies

Rank	Name	Country	Sector	Agr Perc	Cagr Perc	Revenue 2020	Revenue 2017	Employees 2020	Employees 2017	Founding Year
1	Swappie	Finland	Technology	19.152,82	477,43	97.611.814,00	507.000,00	218,00	1,00	2016
2	Kilo Health	Lithuania	Health	16.541,73	450,05	57.318.766,00	344.428,00	177,00	10,00	2013
3	OCI	UK	Financial Service	13.133,13	409,59	568.322.073,00	4.325.512,00	32,00	4,00	2012
4	OnlyFans	UK	Technology	11.928,05	393,63	316.732.986,00	2.652.185,00	800,00	4,00	2016
5	Enpal	Germany	Energy	11.441,27	386,88	56.109.613,00	486.165,00	365,00	9,00	2017

1 - 5 Successivo ►

FT 1000 Europe's Fastest Growing Companies

```
select count(*) as num,  
       NAZIONE  
from d17_classifica_ft  
group by NAZIONE  
order by NAZIONE
```



D17 – Collections

D08 – Collections

Collections: Tabelle temporanee a livello di sessione

https://docs.oracle.com/en/database/oracle/apex/24.2/aeapi/APEX_COLLECTION.html

The screenshot shows the Oracle APEX API Reference page for the APEX_COLLECTION API. The page is titled "API Reference" and includes a breadcrumb trail: "Database / Oracle / APEX / Release 23.1". The left sidebar contains a table of contents with the following items:

- Preface
- 1 Changes in Release 23.1 for Oracle APEX API Reference
- 2 APEX_ACL
- 3 APEX_APP_SETTING
- 4 APEX_APPLICATION
- 5 APEX_APPLICATION_ADMIN
- 6 APEX_APPLICATION_INSTALL
- 7 APEX_APPROVAL
- 8 APEX_AUTHENTICATION
- 9 APEX_AUTHORIZATION
- 10 APEX_AUTOMATION
- 11 APEX_BACKGROUND_PROCESS
- 12 APEX_COLLECTION**

The main content area is titled "12 APEX_COLLECTION" and contains the following text:

Collections enable you to temporarily capture one or more nonscalar values. You can use collections to store rows and columns currently in session state so they can be accessed, manipulated, or processed during a user's specific session. You can think of a collection as a bucket in which you temporarily store and name rows of information.

The right sidebar contains the following items:

- 12 APEX_COLLECTION

The main content area lists the following topics:

- About the APEX_COLLECTION API
- Naming Collections
- Creating a Collection
- About the Parameter p_generate_md5
- Accessing a Collection
- Merging Collections
- Truncating a Collection
- Deleting a Collection
- Deleting All Collections for the Current Application
- Deleting All Collections in the Current Session
- Adding Members to a Collection
- About the Parameters p_generate_md5, p_clob001, p_blob001, and p_xmltype001
- Updating Collection Members



D08 – Collections

```
COLLECTION_NAME NOT NULL VARCHAR2(255)
SEQ_ID          NOT NULL NUMBER
C001            VARCHAR2(4000)
C002            VARCHAR2(4000)
C003            VARCHAR2(4000)
C004            VARCHAR2(4000)
C005            VARCHAR2(4000)
...
C050            VARCHAR2(4000)
N001            NUMBER
N002            NUMBER
N003            NUMBER
N004            NUMBER
N005            NUMBER
D001            DATE
D002            DATE
D003            DATE
D004            DATE
D005            DATE
CLOB001         CLOB
BLOB001         BLOB
XMLTYPE001      XMLTYPE
MD5_ORIGINAL    VARCHAR2(4000)
```

```
SELECT c001, c002, c003, n001, d001, clob001
FROM apex_collections
WHERE collection_name = 'DEPARTMENTS'
```

- APEX_COLLECTION.CREATE_OR_TRUNCATE_COLLECTION
- APEX_COLLECTION.CREATE_COLLECTION_FROM_QUERY
- APEX_COLLECTION.TRUNCATE_COLLECTION
- APEX_COLLECTION.DELETE_COLLECTION
- APEX_COLLECTION.ADD_MEMBER
- APEX_COLLECTION.UPDATE_MEMBER
- APEX_COLLECTION.DELETE_MEMBER

D08 – Collections

```
begin
  --APEX_COLLECTION.DELETE_COLLECTION ('MIA_COLLECTION');
  if not apex_collection.collection_exists('MIA_COLLECTION') then
    apex_collection.create_collection('MIA_COLLECTION');
    for r in (select testo1
              ,testo2
              ,testo3
              ,numero1
              ,data1
              from tabella )
    loop
      apex_collection.add_member(p_collection_name=>'MIA_COLLECTION'
                                ,p_c001 => r.testo1
                                ,p_c002 => r.testo2
                                ,p_c003 => r.testo3
                                ,p_n001 => r.numero1
                                ,p_d001 => r.data1
                                );
    end loop;
  end if;
end;
```

```
select seq_id id
       ,c001 testo1
       ,c002 testo2
       ,c003 testo3
       ,n001 numero1
       ,d001 data1
from apex_collections where collection_name='MIA_COLLECTION';
```

D13 – Validazioni

D16 – File
