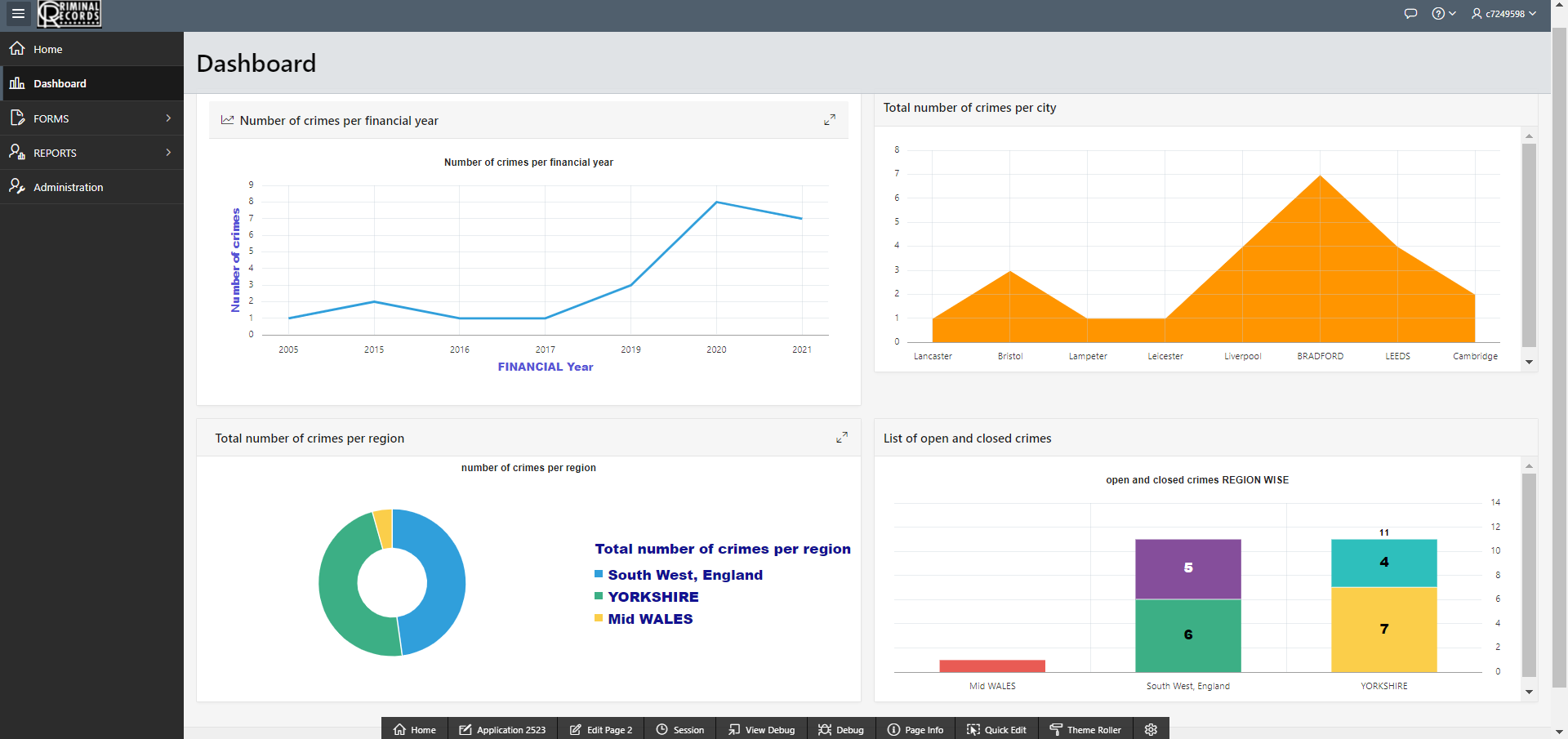
**Dashboard with charts:**



## **Chart 1: Line graph**

**Number of crimes per financial year**

SELECT YEAR AS FINANCIAL\_YEAR, COUNT(\*) AS NUMBER\_OF\_CRIMES

FROM

(

select EXTRACT(YEAR FROM reported\_date) YEAR, CRIME\_ID ,LOCATION\_ID, POLICE\_ID, REPORTED\_DATE, CRIME\_STATUS

FROM

crime\_register

)

WHERE YEAR BETWEEN 2001 AND 2021 GROUP BY YEAR ORDER BY YEAR ASC;

## **Chart 2: Area graph**

**Total number of crimes per city**

select city\_name, count(crime\_id) as number\_of\_crimes

from

(select crime\_id, REPORTED\_DATE, CRIME\_STATUS, CLOSED\_DATE, CITY\_NAME, REGION\_NAME from crime\_register cr, location l, region r where cr.location\_id = l.location\_id and l.region\_id = r.region\_id)

group by city\_name;

## **chart3: Donut chart**

Total number of crimes per region

select count(\*) as number\_of\_crimes ,region\_name

from

(select crime\_id, REPORTED\_DATE, CRIME\_STATUS, CLOSED\_DATE, CITY\_NAME, REGION\_NAME from crime\_register cr, location l, region r where cr.location\_id = l.location\_id and l.region\_id = r.region\_id)

group by

region\_name

## **chart4: Bar charts**

**List of open and closed crimes**

SELECT \* from (

SELECT REGION\_NAME, CRIME\_STATUS

FROM

crime\_report\_view

)

pivot

(

Count (CRIME\_STATUS)

for CRIME\_STATUS in ('open' as "Open",'closed' as "Closed")

)

order by REGION\_NAME;