***Health data queries***

* Top 5 drugs causing adverse effects

SELECT drugname, COUNT(\*) as count FROM DRUG16Q3 GROUP by drugname order by count desc limit 5

|  |  |
| --- | --- |
| Drugname | Count |
| "XARELTO" | "33699" |
| "XYREM" | "23560" |
| "ENBREL" | "18192" |
| "REVLIMID" | "14202" |
| "ASPIRIN." | "9896" |

* Xarelto adverse effects & gender

SELECT DRUG16Q3.drugname, DRUG16Q3.role\_cod, DEMO16Q3.sex, COUNT(\*) as count
FROM DRUG16Q3 JOIN DEMO16Q3 ON DRUG16Q3.primaryid=DEMO16Q3.primaryid
WHERE DRUG16Q3.drugname= "XARELTO" AND DRUG16Q3.role\_cod="PS"
group by DEMO16Q3.sex
order by count

|  |  |  |  |
| --- | --- | --- | --- |
| Drugname | Role\_cod | Sex | count |
| "XARELTO" | "PS" | "" | "1193" |
| "XARELTO" | "PS" | "F" | "4248" |
| "XARELTO" | "PS" | "M" | "4335" |

* Number of cases where Xarleto is a “Priority Suspect” (PS) Drug

SELECT drugname, role\_cod, COUNT(\*) as count FROM DRUG16Q3 WHERE drugname= "XARELTO" AND role\_cod="PS" order by count

|  |  |  |
| --- | --- | --- |
| Drugname | Role\_cod | count |
| "XARELTO" | "PS" | "9776" |

* Grouping of PS Xarelto Cases causing conditions

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Pt | | Drugname | Role\_cod | count |
| "Gastrointestinal haemorrhage" | "XARELTO" | "PS" | "2997" | |
| "Internal haemorrhage" | "XARELTO" | "PS" | "880" | |
| "Rectal haemorrhage" | "XARELTO" | "PS" | "645" | |
| "Haematuria" | "XARELTO" | "PS" | "484" | |
| "Upper gastrointestinal haemorrhage" | "XARELTO" | "PS" | "464" | |
| "Epistaxis" | "XARELTO" | "PS" | "442" | |
| "Haemorrhage" | "XARELTO" | "PS" | "386" | |
| "Acute kidney injury" | "XARELTO" | "PS" | "338" | |
| "Lower gastrointestinal haemorrhage" | "XARELTO" | "PS" | "305" | |
| "Off label use" | "XARELTO" | "PS" | "304" | |
| "Cerebrovascular accident" | "XARELTO" | "PS" | "280" | |

SELECT REAC16Q3.PT, DRUG16Q3.drugname, DRUG16Q3.role\_cod, COUNT(\*) as count FROM DRUG16Q3 JOIN
REAC16Q3 ON DRUG16Q3.primaryid = REAC16Q3.primaryid
WHERE DRUG16Q3.drugname = "XARELTO" AND DRUG16Q3.role\_cod = "PS"
GROUP BY REAC16Q3.PT
ORDER BY count desc

* Age\_groups & Xarelto

SELECT DRUG16Q3.drugname, DRUG16Q3.role\_cod, DEMO16Q3.age\_grp, COUNT(\*) as count
FROM DRUG16Q3 JOIN DEMO16Q3 ON DRUG16Q3.primaryid=DEMO16Q3.primaryid
WHERE DRUG16Q3.drugname= "XARELTO" AND DRUG16Q3.role\_cod="PS"
group by DEMO16Q3.age\_grp
order by count desc

|  |  |  |  |
| --- | --- | --- | --- |
| Drugname | Role\_cod | Age\_grp | Count |
| "XARELTO" | "PS" | "E" | "5209" |
| "XARELTO" | "PS" | "A" | "2854" |
| "XARELTO" | "PS" | "" | "1703" |
| "XARELTO" | "PS" | "T" | "8" |
| "XARELTO" | "PS" | "C" | "1" |

N= Neonate, I=Infant, C=Child, T=Adolescent, A=Adult, E=Elderly