**MySQL & Knowledge Discovery in the SPL Database**

**Investigation of Nonfiction Checkouts pertaining to Arab and Middle Eastern Countries**

**MAT 259A**

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The United States has been involved in a number of armed conflicts in the Middle East and Northern Africa in the twenty-first century, whether intermittently or consistently. In particular, the US war in Afghanistan has the distinction of being the longest-running conflict in US history, beginning in October 2001 and continuing to the present. Using the Seattle Public Library database, I investigate how library patrons checkout materials relating to certain countries in these regions, in the hopes of gauging the interest of Americans in the conflicts over time.

SELECT

YEAR(cout) AS Year,

COUNT(IF(title LIKE '%iraq%', 1, NULL)) AS 'Iraq',

COUNT(IF(title LIKE '%israel%', 1, NULL)) AS 'Israel',

COUNT(IF(title LIKE '%afghanistan%', 1, NULL)) AS 'Afghanistan',

COUNT(IF(title LIKE '%iran%', 1, NULL)) AS 'Iran',

COUNT(IF(title LIKE '%palestine%' OR title LIKE '%gaza%' OR title LIKE '%west bank%' , 1, NULL)) AS 'Palestine',

COUNT(IF(title LIKE '%syria%', 1, NULL)) AS 'Syria',

COUNT(IF(title LIKE '%lebanon%', 1, NULL)) AS 'Lebanon',

COUNT(IF(title LIKE '%tunisia%', 1, NULL)) AS 'Tunisia',

COUNT(IF(title LIKE '%libya%', 1, NULL)) AS 'Libya',

COUNT(IF(title LIKE '%somalia%', 1, NULL)) AS 'Somalia',

COUNT(IF(title LIKE '%yemen%', 1, NULL)) AS 'Yemen',

COUNT(IF(title LIKE '%saudi arabia%', 1, NULL)) AS 'Saudi Arabia',

COUNT(IF(title LIKE '%terror%' OR title LIKE '%terrorism%' , 1, NULL)) AS 'Terror',

COUNT(IF(title LIKE '%arab spring%', 1, NULL)) AS 'Arab Spring',

COUNT(IF(title LIKE '%islam%', 1, NULL)) AS 'Islam',

COUNT(IF(title LIKE '%war%', 1, NULL)) AS 'War',

COUNT(IF(title LIKE '%intifada%', 1, NULL)) AS 'Intifada',

COUNT(IF(title LIKE '%refugee%' OR title LIKE '%refugees%', 1, NULL)) AS 'Refugee',

COUNT(IF(title LIKE '%vietnam%', 1, NULL)) AS 'Vietnam'

FROM

spl\_2016.outraw

WHERE

YEAR(cout) BETWEEN 2006 AND 2019

AND deweyClass >= 900

GROUP BY YEAR(cout)

ORDER BY YEAR(cout);

