

```
USE mydb;
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```
/*Query 1*/
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```
DROP VIEW IF EXISTS crime_classification_analysis;  
CREATE VIEW crime_classification_analysis AS  
SELECT crime_category, COUNT(incident_id) AS crime_count  
FROM crime_classification  
JOIN incident_classification USING (classification_id)  
GROUP BY classification_id  
ORDER BY crime_count DESC;
```

```
/*Query 2*/
```

```
DROP VIEW IF EXISTS murder_victims_analysis;  
CREATE VIEW murder_victims_analysis AS  
SELECT article_title, COUNT(victim_id) AS 'Number of Victims',  
ROUND(AVG(victim_age)) AS 'Average Victims Age'  
FROM article  
JOIN victim_list USING (article_id)  
WHERE incident_id IN (  
    SELECT incident_id  
    FROM incident  
    JOIN incident_classification USING (incident_id)  
    JOIN crime_classification USING (classification_id)  
    WHERE crime_category = 'Murder'  
)  
GROUP BY article_id  
ORDER BY ROUND(AVG(victim_age));
```

```
/*Query 3*/
```

```
DROP VIEW IF EXISTS april_suspects;  
CREATE VIEW april_suspects AS  
SELECT CONCAT(suspect_fname, ' ', suspect_lname) AS 'Suspect Name', suspect_age AS  
'Suspect Age', incident_date AS 'Date of Incident'  
FROM suspect_list  
JOIN article USING (article_id)  
JOIN incident USING (incident_id)  
WHERE incident_date BETWEEN '2017-04-01' AND '2017-04-30'  
ORDER BY suspect_fname;
```

```
/*Query 4*/
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```
DROP VIEW IF EXISTS young_adult_suspects;  
CREATE VIEW young_adult_suspects AS  
WITH suspect_counts AS (  
    SELECT article_id, COUNT(suspect_id) AS suspect_count  
    FROM suspect_list  
    GROUP BY article_id  
)  
SELECT article_title AS Article, COUNT(suspect_id) AS 'Number of Young Adult  
Suspects', sc.suspect_count AS 'Total Suspect'  
FROM article a  
JOIN suspect_list sl USING (article_id)  
JOIN suspect_counts sc USING (article_id)  
JOIN age_groups ag USING (age_id)  
WHERE age_group_description = 'Young Adult'  
GROUP BY a.article_id  
ORDER BY sc.suspect_count DESC;
```

```
/*Query 5*/
```

```
DROP VIEW IF EXISTS pct_of_suspects_by_ethnicity;
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```
CREATE VIEW pct_of_suspects_by_ethnicity AS
SELECT e.ethnic_group, COUNT(suspect_id) AS perpetrator_count,
       ROUND(COUNT(suspect_id) * 1.0 / (SELECT COUNT(suspect_id) FROM
suspect_list), 2) AS perpetrator_percentage
FROM suspect_list sl
JOIN ethnicities e ON sl.ethnic_id = e.ethnic_id
GROUP BY e.ethnic_id
ORDER BY perpetrator_percentage DESC;
```