**פרויקט קורס בינה עסקית**

**קורס מס' 40205**

**מטלה מספר 3**

**מרצה: מר אור פרץ**



**שמות מגישים:**  
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**חלק 1- שאילתות SQL**

SELECT SID, top\_genere, energy, AVG(energy)  
OVER(PARTITION BY top\_genere) as AvgEnergy  
FROM fact

SELECT SID, top\_genere, energy, COUNT(SID)  
OVER(PARTITION BY top\_genere) as CountSongs  
FROM fact

SELECT SID, popularity, AVG(length)  
OVER(PARTITION BY top\_genere ORDER BY popularity) as AvgLength  
FROM fact

SELECT SID, AID, popularity, Count(SID)  
OVER(PARTITION BY AID ORDER BY popularity) as CountSongs  
FROM fact

SELECT case WHEN energy > 200 THEN 'high\_energy else ‘low\_energy' end as Song\_energy,   
AVG(popularity) as avg\_popularity, length  
FROM Song  
GROUP BY Song\_energy  
ORDER BY length desc;

SELECT case WHEN energy > 200 AND length < 65 THEN '1' else '0' end as suspect\_as\_Hit, popularity,  
FROM Song  
GROUP BY suspect\_as\_Hit  
ORDER BY popularity;

**חלק 2- ניהול גרסאות**

לינק לGIT של הפרויקט https://github.com/EfiLeder/BI-Project