|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Musician\_ID | Musician\_FName | Musician\_LName | Musician\_Address | Musician\_Phone |
| 100 | Aubrey | Drake | [Toronto, Ontario](https://en.wikipedia.org/wiki/Toronto), Canada. | 054-1122334 |
| 101 | Kanye | West | [Atlanta, Georgia](https://en.wikipedia.org/wiki/Atlanta), U.S. | 054-4455667 |
| 102 | Kendrick | Lamar | [Compton, California](https://en.wikipedia.org/wiki/Compton,_California), U.S. | 050-8899112 |
| 103 | Justin | Timberlake | [Memphis, Tennessee](https://en.wikipedia.org/wiki/Memphis,_Tennessee), U.S. | 052-1144552 |
| 104 | Lady | Gaga | [Manhattan](https://en.wikipedia.org/wiki/Manhattan), New York City, U.S. | 052-1234567 |
| 105 | Beyonce | Knowles | [Houston](https://en.wikipedia.org/wiki/Houston), Texas, U.S. | 054-9988776 |
| 106 | Justin | Bieber | [London, Ontario](https://en.wikipedia.org/wiki/London,_Ontario), Canada. | 050-1357924 |
| 107 | Jay | Z | [Brooklyn](https://en.wikipedia.org/wiki/Brooklyn), [New York City](https://en.wikipedia.org/wiki/New_York_City), U.S. | 052-1133557 |
| 108 | Anderson | Paak | [Oxnard, California](https://en.wikipedia.org/wiki/Oxnard,_California) , U.S. | 054-2244668 |
| 109 | Nicki | Minaj | [Saint James](https://en.wikipedia.org/wiki/Saint_James,_Trinidad_and_Tobago), [Trinidad and Tobago](https://en.wikipedia.org/wiki/Trinidad_and_Tobago). | 050-9876543 |
| 110 | J | Cole | [Frankfurt](https://en.wikipedia.org/wiki/Frankfurt), [West Germany](https://en.wikipedia.org/wiki/West_Germany). | 052-1122112 |

**טבלת מוסיקאים:**

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`musicianTable` (

`Musician\_ID` INT NOT NULL,

`Musician\_FName` VARCHAR(45) NULL,

`Musician\_LName` VARCHAR(45) NULL,

`Musician\_Address` VARCHAR(60) NULL,

`Musician\_Phone` VARCHAR(20) NULL,

PRIMARY KEY (`Musician\_ID`));

הכנסת ערכים לטבלה:

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (100,"Aubrey","Drake","[Toronto, Ontario](https://en.wikipedia.org/wiki/Toronto), Canada.","054-1122334");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (101,"Kanye","West","[Atlanta, Georgia](https://en.wikipedia.org/wiki/Atlanta), U.S.","054-4455667");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (102,"Kendrick","Lamar","[Compton, California](https://en.wikipedia.org/wiki/Compton,_California), U.S.","050-8899112");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (103,"Justin","Timberlake","[Frankfurt](https://en.wikipedia.org/wiki/Frankfurt), [West Germany](https://en.wikipedia.org/wiki/West_Germany).","052-1122112");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (104,"Lady","Gaga","[Manhattan](https://en.wikipedia.org/wiki/Manhattan), New York City, U.S.","052-1234567");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (105,"Beyonce","Knowles","[Houston](https://en.wikipedia.org/wiki/Houston), Texas, U.S.","054-9988776");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (106,"Justin","Bieber","[London, Ontario](https://en.wikipedia.org/wiki/London,_Ontario), Canada.","050-1357924");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (107,"Jay","Z","[Brooklyn](https://en.wikipedia.org/wiki/Brooklyn), [New York City](https://en.wikipedia.org/wiki/New_York_City), U.S.","052-1133557");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (108,"Anderson","Paak","[Oxnard, California](https://en.wikipedia.org/wiki/Oxnard,_California) , U.S.","054-2244668");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (109,"Nicki","Minaj","[Saint James](https://en.wikipedia.org/wiki/Saint_James,_Trinidad_and_Tobago), [Trinidad and Tobago](https://en.wikipedia.org/wiki/Trinidad_and_Tobago).","050-9876543");

INSERT INTO musicianTable (Musician\_ID,Musician\_FName,Musician\_LName,Musician\_Address,Musician\_Phone)

VALUES (110,"J","Cole","[Saint James](https://en.wikipedia.org/wiki/Saint_James,_Trinidad_and_Tobago), [Trinidad and Tobago](https://en.wikipedia.org/wiki/Trinidad_and_Tobago).","050-9876543");

**טבלת אלבומים:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID\_Album | Album\_Name | Start\_Date | Finish\_Date | Num\_of\_Songs |
| 1 | Thank Me Later | 2010/05/20 | 2011/02/02 | 3 |
| 2 | Take Care | 2012/04/01 | 2012/08/24 | 3 |
| 3 | Nothing Was The Same | 2014/09/11 | 2016/08/13 | 2 |
| 4 | Views | 2013/01/22 | 2013/02/16 | 2 |
| 5 | Scorpion | 2014/03/12 | 2015/06/01 | 4 |
| 6 | The Life Of Pablo | 2016/05/10 | 2016/11/29 | 4 |
| 7 | Ye | 2018/07/23 | 2019/05/20 | 2 |
| 8 | Untitled | 2017/03/07 | 2019/01/02 | 3 |
| 9 | Good Kid | 2019/07/14 | 2019/09/21 | 3 |
| 10 | Damn | 2015/11/30 | 2016/02/11 | 2 |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`albumTable` (

`ID\_Album` INT NOT NULL,

`Album\_Name` VARCHAR(45) NULL,

`Start\_\_Date` DATE NULL,

`Finish\_Date` DATE NULL,

`Num\_of\_Songs` INT NULL,

PRIMARY KEY (`ID\_Album`));

הכנסת ערכים לטבלה:

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(1," Thank Me Later","2010/05/20","2010/05/20",3);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(2,"Take Care","2012/04/01","2012/08/24",3);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(3,"Nothing Was The Same","2014/09/11","2016/08/13",2);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(4,"Views","2013/01/22","2013/02/16",2);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(5,"Scorpion","2014/03/12","2015/06/01",4);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(6,"The Life Of Pablo","2016/05/10","2016/11/29",4);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(7,"Ye","2018/07/23","2019/05/20",2);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(8,"Untitled","2017/03/07","2019/01/02",3);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(9,"Good Kid","2019/07/14","2019/09/21",3);

INSERT INTO albumTable(ID\_Album,Album\_Name,Start\_\_Date, Finish\_Date,Num\_of\_Songs)

VALUES(10,"Damn","2015/11/30","2016/02/11",2);

**טבלת מפיקים:**

|  |  |  |
| --- | --- | --- |
| ID\_Producer | Producer\_FName | Producer\_LName |
| 200 | Kanye | West |
| 201 | Jay | J |
| 202 | Aubrey | Drake |
| 203 | Kendrick | Lamar |
| 204 | Dr | Dre |
| 205 | Pharrell | Williams |
| 206 | Snoop | Dogg |
| 207 | Beyonce | Knowles |
| 208 | DJ | Khaled |
| 209 | Lil | Wayne |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`producerTable` (

`ID\_Producer` INT NOT NULL,

`Producer\_FName` VARCHAR(45) NULL,

`Producer\_LName` VARCHAR(45) NULL,

PRIMARY KEY (`ID\_Producer`))

הכנסת ערכים לטבלה:

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(200,"Kanye","West");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(201,"Jay","Z");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(202,"Aubrey","Drake");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(203,"Kendrick","Lamar");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(204,"Dr","Dre");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(205,"Pharrell","Williams");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(206,"Snoop","Dogg");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(207,"Beyonce","Knowles");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(208,"DJ","Khaled");

INSERT INTO producerTable(ID\_Producer,Producer\_FName,Producer\_LName)

VALUES(209,"Lil","Wayne");

**טבלת מקשרת בין מפיק לאלבום:**

|  |  |
| --- | --- |
| Producer\_ID | Album\_ID |
| 200 | 1 |
| 209 | 1 |
| 201 | 2 |
| 202 | 2 |
| 204 | 2 |
| 203 | 3 |
| 208 | 4 |
| 209 | 5 |
| 207 | 5 |
| 202 | 6 |
| 203 | 6 |
| 200 | 6 |
| 202 | 7 |
| 204 | 7 |
| 205 | 8 |
| 206 | 9 |
| 209 | 9 |
| 209 | 10 |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`Produced\_BY` (

`Producer\_ID` INT NOT NULL,

`Album\_ID` INT NOT NULL,

PRIMARY KEY (`Producer\_ID`, `Album\_ID`),

CONSTRAINT `Producer\_ID`

FOREIGN KEY (`Producer\_ID`)

REFERENCES `Aviel\_Dagan`.`producerTable` (`ID\_Producer`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `Album\_ID`

FOREIGN KEY (`Album\_ID`)

REFERENCES `Aviel\_Dagan`.`albumTable` (`ID\_Album`)

ON DELETE CASCADE

ON UPDATE CASCADE);

הכנסת ערכים לטבלה:

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(200,1);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(209,1);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(201,2);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(202,2);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(204,2);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(203,3);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(208,4);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(209,5);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(207,5);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(202,6);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(203,6);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(200,6);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(202,7);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(204,7);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(205,8);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(206,9);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(209,9);

INSERT INTO Produced\_BY(Producer\_ID,Album\_ID)

VALUES(209,10);

**טבלת טכנאי הקלטה:**

|  |  |  |
| --- | --- | --- |
| ID\_Tech | Tech\_FName | Tech\_LName |
| 300 | Tal | Adivi |
| 301 | Eilon | Cohen |
| 302 | Chen | Gutman |
| 303 | Itay | Gershman |
| 304 | Omer | Ben-Simon |
| 305 | Avital | Kahani |
| 306 | Michal | Frenkel |
| 307 | Ido | Kilker |
| 308 | Linoy | Noah |
| 309 | Aviel | Dagan |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`techTable` (

`ID\_Tech` INT NOT NULL,

`Tech\_FName` VARCHAR(45) NULL,

`Techn\_LName` VARCHAR(45) NULL,

PRIMARY KEY (`ID\_Techn`));

הכנסת ערכים לטבלה:

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(300 ,"Tal","Adivi");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(301 ,"Eilon","Cohen");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(302 ,"Chen","Gutman");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(303 ,"Itay","Gershman");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(304 ,"Omer","Ben-Simon",);

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(305 ,"Avital","Kahani");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(306 ,"Michal","Frenkel");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(307 ,"Ido","Kilker");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(308 ,"Linoy","Noah");

INSERT INTO techTable(ID\_Tech,Tech\_FName,Tech\_LName)

VALUES(309 ,"Aviel","Dagan");

**טבלת יצרני כלי נגינה:**

|  |  |
| --- | --- |
| ID\_Manufacturer | Manufacturer\_Name |
| 400 | Admira |
| 401 | Casio |
| 402 | Crown |
| 403 | Fender |
| 404 | Gibson |
| 405 | Hohner |
| 406 | JBL |
| 407 | Jupiter |
| 408 | Samson |
| 409 | Yamaha |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`manufactureTable` (

`ID\_Manufacturer` INT NOT NULL,

`Manufacturer\_Name` VARCHAR(45) NULL,

PRIMARY KEY (`ID\_Manufacturer`));

הכנסת ערכים לטבלה:

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(400,"Admira");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(401,"Casio");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(402,"Crown");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(403,"Fender");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(404,"Gibson");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(405,"Hohner");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(406,"JBL");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(407,"Jupiter");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(408,"Samson");

INSERT INTO manufactureTable(ID\_Manufacturer,Manufacturer\_Name)

VALUES(409,"Yamaha");

**טבלת סוגי כלי נגינה:**

|  |  |
| --- | --- |
| ID\_Instrument | Instrument\_Name |
| 500 | Piano |
| 501 | Electric Guitar |
| 502 | Drums |
| 503 | Acoustic Guitar |
| 504 | Synthesizer |
| 505 | [Triangle](https://en.wikipedia.org/wiki/Triangle_(musical_instrument)) |
| 506 | Bass Guitar |
| 507 | Trumpet |
| 508 | Saxophone |
| 509 | Cello |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`instrumentTable` (

`ID\_ Instrument ` INT NOT NULL,

` Instrument\_Name ` VARCHAR(45) NULL,

PRIMARY KEY (`ID\_ Instrument`));

הכנסת ערכים לטבלה:

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(500,"Piano");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(501,"Electric Guitar");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(502,"Drums");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(503,"Acoustic Guitar");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(504,"Synthesizer");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(505,"Triangle");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(506,"Bass Guitar");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(507,"Trumpet");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(508,"Saxophone");

INSERT INTO instrumentTable(ID\_ Instrument, Instrument\_Name)

VALUES(509,"Cello");

**טבלת שמקשרת בין יצרני גלי נגינה לסוגי כלי נגינה:**

|  |  |  |
| --- | --- | --- |
| ID\_ManufacInstru | Instrument\_ID | Manufacturer\_ID |
| 600 | 502 | 400 |
| 601 | 505 | 407 |
| 602 | 506 | 403 |
| 603 | 506 | 406 |
| 604 | 507 | 406 |
| 605 | 500 | 403 |
| 606 | 504 | 405 |
| 607 | 503 | 403 |
| 608 | 507 | 402 |
| 609 | 505 | 401 |
| 610 | 503 | 409 |
| 611 | 502 | 400 |
| 612 | 501 | 403 |
| 613 | 508 | 408 |
| 614 | 509 | 404 |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`ManufacInstruTable` (

` ID\_ManufacInstru ` INT NOT NULL,

`Instrument\_ID` INT NULL,

`Manufacturer\_ID` INT NULL,

PRIMARY KEY (`ID\_ManufacInstru `)

CONSTRAINT `Instrument\_ID`

FOREIGN KEY (`Instrument\_ID`)

REFERENCES `Aviel\_Dagan`.`instrumentTable` (`ID\_Instrument`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `Manufacturer\_ID`

FOREIGN KEY (`Manufacturer\_ID`)

REFERENCES `Aviel\_Dagan`.` manufactureTable (`ID\_Manufacturer`)

ON DELETE CASCADE

ON UPDATE CASCADE);

הכנסת ערכים לטבלה:

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(600,502,400);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(601,505,407);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(602,506,403);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(603,506,406);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(604,507,406);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(605,500,403);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(606,504,405);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(607,503,403);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(608,507,402);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(609,505,401);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(610,503,409);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(611,502,400);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(612,501,403);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(613,508,408);

INSERT INTO ManufacInstruTable (ID\_ManufacInstru,Instrument\_ID,Manufacturer\_ID)

VALUES(614,509,404);

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ID\_Song | Song\_Name | Song\_Writer | Song\_Composer | Song\_TechID | Record\_Date | Song\_Genre | Song\_Lenght |
| 700 | [Fireworks](https://en.wikipedia.org/wiki/Fireworks_(Drake_song)) | Aubrey Drake | Aubrey Drake | 306 | 2010/05/20 | Hip Hop | 312 |
| 701 | Karaoke | Aubrey Drake | * [Francis Starlite](https://en.wikipedia.org/wiki/Francis_and_the_Lights) | 306 | 2012/04/01 | Rap | 201 |
| 702 | The Resistance | Aubrey Drake | * [Kanye West](https://en.wikipedia.org/wiki/Kanye_West) | 302 | 2014/09/11 | Hip Hop | 252 |
| 703 | [Over](https://en.wikipedia.org/wiki/Over_(Drake_song)) | Aubrey Drake | Aubrey Drake | 302 | 2013/01/22 | Hip Hop | 303 |
| 704 | [Headlines](https://en.wikipedia.org/wiki/Headlines_(Drake_song)) | Aubrey Drake | * [Matthew Samuels](https://en.wikipedia.org/wiki/Boi-1da) | 309 | 2014/03/12 | Gospel | 400 |
| 705 | [Take Care](https://en.wikipedia.org/wiki/Take_Care_(song)) | Aubrey Drake | Aubrey Drake | 308 | 2016/05/10 | Rap | 304 |
| 706 | HYFR | Aubrey Drake | Aubrey Drake | 307 | 2018/07/23 | Hip Hop | 232 |
| 707 | Hype | Aubrey Drake | * [Kevin Gomringer](https://en.wikipedia.org/wiki/Cubeatz) | 307 | 2017/03/07 | Rap | 254 |
| 708 | [Hotline Bling](https://en.wikipedia.org/wiki/Hotline_Bling) | Aubrey Drake | * [Timmy Thomas](https://en.wikipedia.org/wiki/Timmy_Thomas) | 301 | 2019/07/14 | Gospel | 213 |
| 709 | Childs Play | Aubrey Drake | * [Leland Wayne](https://en.wikipedia.org/wiki/Metro_Boomin) | 302 | 2015/11/30 | Hip Hop | 376 |
| 710 | [Gods Plan](https://en.wikipedia.org/wiki/God%27s_Plan_(song)) | Aubrey Drake | Aubrey Drake | 301 | 2011/02/02 | R&B | 266 |
| 711 | [Survival](https://en.wikipedia.org/wiki/Survival_(Drake_song)) | Aubrey Drake | * [Dion Wilson](https://en.wikipedia.org/wiki/No_I.D.) | 300 | 2012/08/24 | Hip Hop | 285 |
| 712 | [Im Upset](https://en.wikipedia.org/wiki/I%27m_Upset) | Aubrey Drake | * Jordan Ortiz | 300 | 2016/08/13 | Gospel | 342 |
| 713 | [Talk Up](https://en.wikipedia.org/wiki/Talk_Up) | Aubrey Drake | Jay Z | 303 | 2013/02/16 | Gospel | 222 |
| 714 | [Famous](https://en.wikipedia.org/wiki/Famous_(Kanye_West_song)) | Kanye West | Kanye West | 304 | 2015/06/01 | Hip Hop | 345 |
| 715 | [Highlights](https://en.wikipedia.org/wiki/Highlights_(song)) | Kanye West | Kanye West | 305 | 2016/11/29 | Hip Hop | 546 |
| 716 | [FML](https://en.wikipedia.org/wiki/FML_(song)) | Kanye West | The Weekend | 305 | 2019/05/20 | Rap | 311 |
| 717 | Waves | Kanye West | Chris Brown | 302 | 2019/01/02 | Hip Hop | 376 |
| 718 | [No Mistakes](https://en.wikipedia.org/wiki/No_Mistakes) | Kanye West | Kanye West | 301 | 2019/09/21 | R&B | 266 |
| 719 | All Mine | Kanye West | * [Jeremih Felton](https://en.wikipedia.org/wiki/Jeremih) | 301 | 2016/02/11 | R&B | 285 |
| 720 | Untitled 01 | Kendrick Lamar | Kendrick Lamar | 309 | 2019/07/14 | Rap | 342 |
| 721 | Untitled 02 | Kendrick Lamar | Kendrick Lamar | 309 | 2015/11/30 | Hip Hop | 222 |
| 722 | Untitled 03 | Kendrick Lamar | Kendrick Lamar | 308 | 2011/02/02 | R&B | 345 |
| 723 | Poetic Justice | Kendrick Lamar | [DJ Dahi](https://en.wikipedia.org/wiki/DJ_Dahi) | 306 | 2012/08/24 | Rap | 546 |
| 724 | Money Trees | Kendrick Lamar | Kendrick Lamar | 305 | 2016/08/13 | R&B | 311 |
| 725 | Real | Kendrick Lamar | Kendrick Lamar | 302 | 2013/02/16 | Rap | 232 |
| 726 | DNA | Kendrick Lamar | Kendrick Lamar | 302 | 2016/11/29 | R&B | 433 |
| 727 | Humble | Kendrick Lamar | Kendrick Lamar | 300 | 2019/05/20 | Rap | 501 |

**טבלת שירים:**

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`songTable` (

`ID\_Song` INT NOT NULL,

`Song\_Name` VARCHAR(45) NULL,

`Song\_Writer` VARCHAR(90) NULL,

`Song\_Composer` VARCHAR(90) NULL,

`Song\_TechID` INT NULL,

`Record\_Date` DATE NULL,

`Song\_Genre` VARCHAR(45) NULL,

`Song\_Length` VARCHAR(8) NULL,

PRIMARY KEY (`ID\_Song`),

CONSTRAINT `Song\_TechID`

FOREIGN KEY (Song\_TechID`)

REFERENCES `Aviel\_Dagan`.`techTable` (`ID\_Tech`)

ON DELETE CASCADE

ON UPDATE CASCADE);

הכנסת ערכים לטבלה:

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(700,"Fireworks","Aubrey Drake","Aubrey Drake",306,"2010/05/20","Hip Hop","312");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(701,"Karaoke","Aubrey Drake","Francis Starlite",306,"2012/04/01","Rap","201");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(702,"The Resistance","Aubrey Drake","Kanye West",302,"2014/09/11","Hip Hop","252");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(703,"Over","Aubrey Drake","Aubrey Drake",302,"2013/01/22","Hip Hop","303");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(704,"Headlines","Aubrey Drake","Matthew Samuels",309,"2014/03/12","Gospel","400");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(705,"Take Care","Aubrey Drake","Aubrey Drake",308,"2016/05/10","Rap","304");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(706,"HYFR","Aubrey Drake","Aubrey Drake",307,"2018/07/23","Hip Hop","232");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(707,"Hype","Aubrey Drake","Kevin Gomringer",307,"2017/03/07","Rap","254");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(708,"Hotline Bling","Aubrey Drake","Timmy

Thomas",301,"2019/07/14","Gospel","213");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(709,"Childs Play","Aubrey Drake","Leland Wayne",302,"2015/11/30","Hip Hop","376");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(710,"God's Plan","Aubrey Drake","Aubrey Drake",301,"2011/02/02","Rap","266");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(711,"Survival","Aubrey Drake","Dion Wilson",300,"2012/08/24","Hip Hop","285");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(712,"I'm Upset","Aubrey Drake","Jordan Ortiz",300,"2016/08/13","Gospel","342");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(713,"Talk Up","Aubrey Drake","Jay Z",303,"2013/02/16","Gospel","222");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(714,"Famous","Kanye West","Kanye West",304,"2015/06/01","Hip Hop","345");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(715,"Highlights","Kanye West","Kanye West",305,"2016/11/01","Hip Hop","345");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(716,"FML","Kanye West","The Weekend",305,"2019/05/20","Rap","311");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(717,"Waves","Kanye West","Chris Brown",302,"2019/01/02","Hip Hop","376");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(718,"No Mistakes","Kanye West","Kanye West",301,"2019/09/21","R&B","266");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(719,"All Mine","Kanye West","Jeremih Felton",301,"2016/02/11","R&B","285");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(720,"Untitled 01","Kendrick Lamar","Kendrick Lamar",309,"2019/07/14","Rap","342");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(721,"Untitled 02","Kendrick Lamar","Kendrick Lamar",309,"2015/11/30","Hip Hop","222");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(722,"Untitled 03","Kendrick Lamar","Kendrick Lamar",308,"2011/02/02","R&B","345");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(723,"Poetic Justice","Kendrick Lamar","DJ Dahi",306,"2012/08/24","Rap","546");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(724,"Money Trees","Kendrick Lamar","Kendrick Lamar",305,"2016/08/13","R&B","311");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(725,"Real","Kendrick Lamar","Kendrick Lamar",302,"2013/02/16","Rap","232");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(726,"DNA","Kendrick Lamar","Kendrick Lamar",302,"2016/11/29","R&B","433");

INSERT INTO songTable(ID\_Song,Song\_Name,Song\_Writer,Song\_Composer,Song\_TechID,Recors\_Date,Song\_Genre,Song\_Lenght)

VALUES(727,"Humble","Kendrick Lamar","Kendrick Lamar",300,"2019/05/20","Rap","501");

**טבלת מקשרת בין אלבום לשירים:**

|  |  |
| --- | --- |
| Song\_ID | Album\_ID |
| 700 | 1 |
| 701 | 1 |
| 702 | 1 |
| 703 | 2 |
| 704 | 2 |
| 705 | 2 |
| 706 | 3 |
| 707 | 3 |
| 708 | 4 |
| 709 | 4 |
| 710 | 5 |
| 711 | 5 |
| 712 | 5 |
| 713 | 5 |
| 714 | 6 |
| 715 | 6 |
| 716 | 6 |
| 717 | 6 |
| 718 | 7 |
| 719 | 7 |
| 720 | 8 |
| 721 | 8 |
| 722 | 8 |
| 723 | 9 |
| 724 | 9 |
| 725 | 9 |
| 726 | 10 |
| 727 | 10 |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`songsAlbumTable` (

`Song\_ID` INT NOT NULL,

`Album\_ID` INT NOT NULL,

PRIMARY KEY (`Song\_ID`, `Album\_ID`),

CONSTRAINT `Song\_ID`

FOREIGN KEY (`Song\_ID`)

REFERENCES `Aviel\_Dagan`.`songTable` (`ID\_Song`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `Album\_ID`

FOREIGN KEY (`Album\_ID`)

REFERENCES `Aviel\_Dagan`.`albumTable` (`ID\_Album`)

ON DELETE CASCADE

ON UPDATE CASCADE);

הכנסת ערכים לטבלה:

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(700,1);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(701,1);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(702,1);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(703,2);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(704,2);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(705,2);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(706,3);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(707,3);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(708,4);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(709,4);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(710,5);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(711,5);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(712,5);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(713,5);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(714,6);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(715,6);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(716,6);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(717,6);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(718,7);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(719,7);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(720,8);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(721,8);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(722,8);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(723,9);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(724,9);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(725,9);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(726,10);

INSERT INTO songsAlbumTable(Song\_ID,Album\_ID)

VALUES(727,10);

**טבלת מקשרת בין המוסיקאי, השיר שהוא מנגן בו וסוג כלי הנגינה (המקושר כבר עם היצרן):**

|  |  |  |
| --- | --- | --- |
| Play\_MusicianID | Play\_SongID | Play\_ManufacInstruID |
| 107 | 700 | 600 |
| 109 | 701 | 600 |
| 100 | 712 | 600 |
| 101 | 710 | 601 |
| 108 | 722 | 602 |
| 106 | 708 | 602 |
| 104 | 706 | 603 |
| 110 | 725 | 604 |
| 102 | 712 | 604 |
| 103 | 719 | 604 |
| 103 | 705 | 604 |
| 102 | 704 | 605 |
| 101 | 701 | 606 |
| 110 | 709 | 607 |
| 109 | 710 | 608 |
| 107 | 722 | 609 |
| 105 | 723 | 609 |
| 103 | 711 | 610 |
| 108 | 704 | 610 |
| 106 | 708 | 611 |
| 102 | 709 | 611 |
| 101 | 721 | 612 |
| 100 | 724 | 613 |
| 110 | 727 | 614 |

יצירת הטבלה:

CREATE TABLE `Aviel\_Dagan`.`playInstrumentTable` (

`Play\_MusicianID` INT NOT NULL,

`Play\_SongID` INT NOT NULL,

`Play\_ManufacInstruID` INT NULL,

PRIMARY KEY (`Play\_MusicianID`, `Play\_SongID`),

CONSTRAINT `Play\_MusicianID`

FOREIGN KEY (`Play\_MusicianID`)

REFERENCES `Aviel\_Dagan`.`musicianTable` (`Musician\_ID`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT `Play\_SongID`

FOREIGN KEY (`Play\_SongID`)

REFERENCES `Aviel\_Dagan`.`songTable` (`ID\_Song`)

ON DELETE CASCADE

ON UPDATE CASCADE,

CONSTRAINT ` Play\_ManufacInstruID`

FOREIGN KEY (Play\_ManufacInstruID`)

REFERENCES `Aviel\_Dagan`.`ManufacInstruTable`(`ID\_ManufacInstru`)

ON DELETE CASCADE

ON UPDATE CASCADE);

הכנסת ערכים לטבלה:

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(107,700,600);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(109,701,600);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(100,712,600);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(101,710,601);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(108,722,602);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(106,708,602);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(104,706,603);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(110,725,604);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(102,712,604);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(103,719,604);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(103,705,604);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(102,704,605);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(101,701,606);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(110,709,607);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(109,710,608);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(107,722,609);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(105,723,609);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(103,711,610);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(108,704,610);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(106,708,611);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(102,709,611);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(101,721,612);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(100,724,613);

INSERT INTO playInstrumentTable (Play\_MusicianID, Play\_SongID, Play\_ManufacInstruID)

VALUES(110,727,614);

**טבלה המקשרת בין מוסיקאי לבין השיר אותו הוא מבצע:**

|  |  |
| --- | --- |
| musicInSong\_ID | SongID |
| 100 | 700 |
| 100 | 701 |
| 100 | 702 |
| 100 | 703 |
| 100 | 704 |
| 100 | 705 |
| 100 | 706 |
| 100 | 707 |
| 100 | 708 |
| 100 | 709 |
| 100 | 710 |
| 100 | 711 |
| 100 | 712 |
| 100 | 713 |
| 101 | 714 |
| 101 | 715 |
| 101 | 716 |
| 101 | 717 |
| 101 | 718 |
| 101 | 719 |
| 102 | 720 |
| 102 | 721 |
| 102 | 722 |
| 102 | 723 |
| 102 | 724 |
| 102 | 725 |
| 102 | 726 |
| 102 | 727 |

יצירת הטבלה:

CREATE TABLE `musicinsongtable` (  
  `musicinsong\_id` int(11) NOT NULL,  
  `songid` int(11) NOT NULL,  
  PRIMARY KEY (`musicinsong\_id`,`songid`),  
  KEY `songid` (`songid`),  
  CONSTRAINT `musicinsong\_id` FOREIGN KEY (`musicinsong\_id`) REFERENCES `musiciantable` (`Musician\_ID`)

ON DELETE CASCADE

ON UPDATE CASCADE,  
  CONSTRAINT `songid` FOREIGN KEY (`songid`) REFERENCES `songtable` (`ID\_Song`)

ON DELETE CASCADE

ON UPDATE CASCADE)

הכנסת ערכים לטבלה:

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,700);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,701);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,702);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,703);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,704);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,705);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,706);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,707);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,708);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,709);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,710);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,711);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,712);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(100,713);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(101,714);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(101,715);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(101,716);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(101,717);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(101,718);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(101,719);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,720);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,721);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,722);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,723);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,724);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,725);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,726);

INSERT INTO musicinsongtable (musicinsong\_id, songid)

VALUES(102,727);