CREATE TABLE productdesc (

product\_id text PRIMARY KEY,

brand text,

short\_desc text,

descvector VECTOR<FLOAT,5>);

CREATE TABLE productimage (

product\_id text PRIMARY KEY,

brand text,

productimageurl text,

imagevector VECTOR<FLOAT,5>);

CREATE CUSTOM INDEX IF NOT EXISTS idx\_productdesc

ON ecommerce.productdesc

(imagevector ) USING 'StorageAttachedIndex' WITH OPTIONS =

{{'similarity\_function' : 'cosine'}};

CREATE CUSTOM INDEX IF NOT EXISTS idx\_productimage

ON productimage(imagevector)

USING 'StorageAttachedIndex'

WITH OPTIONS ={'similarity\_function' : 'cosine'};

*select \* from productdesc limit 3;*

*select \* from productimage limit 3;*

*SELECT*

*product\_id ,brand , imagevector,productimageurl,*

*similarity\_cosine([-0.011235, 0.035789, -0.002679, -0.016679, -0.042679] , imagevector)\*100 as similarity*

*FROM productimage*

*ORDER BY imagevector ANN OF [-0.011235, 0.035789, -0.002679, -0.016679, -0.042679]*

*LIMIT 3*

*SELECT product\_id,brand,short\_desc,*

*similarity\_cosine( [-0.012136, -0.014799, 0.036789, 0.041123, -0.004357], descvector)\*100 as similarity*

*FROM productdesc*

*ORDER BY descvector ANN OF [-0.012136, -0.014799, 0.036789, 0.041123, -0.004357]*

*LIMIT 3*