**--Loading Pre-processed files into PIG—**

File1 = LOAD 'cleaned\_data1.txt' USING PigStorage(',') AS(dummy:chararray,Id:chararray, PostTypeId:chararray, AcceptedAnswerId:chararray, ParentId:chararray, CreationDate:chararray, DeletionDate:chararray, Score:int, ViewCount:int,Body:chararray, OwnerUserId:chararray, OwnerDisplayName:chararray, LastEditorUserId:chararray, LastEditorDisplayName:chararray, LastEditDate:chararray, LastActivityDate:chararray, Title:chararray, Tags:chararray, AnswerCount:chararray, CommentCount:chararray, FavoriteCount:chararray, ClosedDate:chararray, CommunityOwnedDate:chararray, ContentLicense:chararray);

File2 = LOAD 'cleaned\_data2.txt' USING PigStorage(',') AS(dummy:chararray,Id:chararray, PostTypeId:chararray, AcceptedAnswerId:chararray, ParentId:chararray, CreationDate:chararray, DeletionDate:chararray, Score:int, ViewCount:int,Body:chararray, OwnerUserId:chararray, OwnerDisplayName:chararray, LastEditorUserId:chararray, LastEditorDisplayName:chararray, LastEditDate:chararray, LastActivityDate:chararray, Title:chararray, Tags:chararray, AnswerCount:chararray, CommentCount:chararray, FavoriteCount:chararray, ClosedDate:chararray, CommunityOwnedDate:chararray, ContentLicense:chararray);

File3 = LOAD 'cleaned\_data3.txt' USING PigStorage(',') AS(dummy:chararray,Id:chararray, PostTypeId:chararray, AcceptedAnswerId:chararray, ParentId:chararray, CreationDate:chararray, DeletionDate:chararray, Score:int, ViewCount:int,Body:chararray, OwnerUserId:chararray, OwnerDisplayName:chararray, LastEditorUserId:chararray, LastEditorDisplayName:chararray, LastEditDate:chararray, LastActivityDate:chararray, Title:chararray, Tags:chararray, AnswerCount:chararray, CommentCount:chararray, FavoriteCount:chararray, ClosedDate:chararray, CommunityOwnedDate:chararray, ContentLicense:chararray);

file4 = LOAD 'cleaned\_data4.txt' USING PigStorage(',') AS(dummy:chararray,Id:chararray, PostTypeId:chararray, AcceptedAnswerId:chararray, ParentId:chararray, CreationDate:chararray, DeletionDate:chararray, Score:int, ViewCount:int,Body:chararray, OwnerUserId:chararray, OwnerDisplayName:chararray, LastEditorUserId:chararray, LastEditorDisplayName:chararray, LastEditDate:chararray, LastActivityDate:chararray, Title:chararray, Tags:chararray, AnswerCount:chararray, CommentCount:chararray, FavoriteCount:chararray, ClosedDate:chararray, CommunityOwnedDate:chararray, ContentLicense:chararray);

**--Combining the Files—**

Combined\_Data = UNION file1,file2,file3,file4 ;

**--Filtering the rows that contain null values in OwnerUserId and Score—**

Data\_Filter = filter Combined\_Data by (OwnerUserId is not null) and (Score is not null);

**-- Generating the final file—**

final\_data = foreach Data\_Filter generate Id as Id, Score as Score, Body as Body, OwnerUserId as OwnerUserId, Title as Title,Tags as Tags,FavoriteCount as FavoriteCount ;

**--Storing the final file into PIG—**

STORE final\_data INTO 'final\_data.txt' USING PigStorage(',');