**Data Dictionary**

**Table: user**

|  |  |  |
| --- | --- | --- |
| **column** | **type** | **Meaning** |
| **id** | **int** | **Use to recognize each question** |
| **reputation** | **int** | **The total score** |
| **display\_name** | **string** | **Display name** |
| **Last\_access\_date** | **date** | **Last access date** |
| **location** | **string** | **location** |
| **view** | **int** | **How man questions the user viewed** |
| **up\_vote** | **Int** | **Total number of the up vote** |
| **down\_vote** | **int** | **Total number of the down vote** |
| **Age** | **Int** | **age** |
| **accept\_answer\_count** | **int** | **The total accepted answer** |
| **tags** | **String**  **Eg: (java,php)** | **Which tags the user good at** |
| **tag\_id** | **String**  **Eg:(1,2,3)** | **Tag’s id** |

**Table: question**

|  |  |  |
| --- | --- | --- |
| **column** | **type** | **Meaning** |
| **id** | **string** | **Use to recognize each question** |
| **id\_posts** | **int** |  |
| **post\_id** | **string** |  |
| **post\_type\_id** | **int** |  |
| **accept\_answer\_id** | **string** | **The accept answer for this question** |
| **score** | **int** | **How man score for answerer if his/her answer was been accept** |
| **body** | **string** | **Content of the comment** |
| **creation\_date** | **date** | **Created date** |
| **user\_id** | **string** | **This question belong to who** |
| **comment\_count** | **int** | **The total comments for this answer** |
| **answer\_count** | **Int** | **The total answer for this answer** |
| **illegal** | **bool** | **This comment obeys the law or not** |
| **tags** | **String** | **Which tags the question belong to** |
| **tag\_id** | **string** | **Tag’s id** |

**Table: tag**

|  |  |  |
| --- | --- | --- |
| **column** | **type** | **Meaning** |
| **id** | **int** | **Use to recognize each answer** |
| **name** | **string** | **The tag’s name** |
| **parent\_id** | **int** | **Belong to which tag** |

**Table: tag\_question**

**This table use to connect question and tags**

|  |  |  |
| --- | --- | --- |
| **column** | **type** | **Meaning** |
| **id** | **int** | **Use to recognize the single data** |
| **tag\_id** | **int** | **The tag’s id** |
| **questin\_id** | **string** | **The question’s id** |

**Table: answer**

|  |  |  |
| --- | --- | --- |
| **column** | **type** | **Meaning** |
| **id** | **string** | **Use to recognize each answer** |
| **id\_posts** | **int** |  |
| **post\_id** | **string** |  |
| **post\_type\_id** |  |  |
| **parent\_id** | **string** | **The answer belong to which question** |
| **score** | **int** | **How many score for this answer can get** |
| **body** | **string** | **Content of the comment** |
| **creation\_date** | **date** | **Created date** |
| **user\_id** | **string** | **This answer belong to who** |
| **comment\_count** | **int** | **The total comments for this answer** |
| **illegal** | **bool** | **This comment obeys the law or not** |

**Table: comment**

|  |  |  |
| --- | --- | --- |
| **column** | **type** | **Meaning** |
| **id** | **string** | **Use to recognize each comment** |
| **post\_id** | **string** |  |
| **score** | **int** | **How man score this comment can get** |
| **text** | **string** | **Content of the comment** |
| **creation\_date** | **date** | **Created date** |
| **user\_id** | **string** | **This comment belong to who** |
| **answer\_id** | **string** | **This comment belong to which answer** |
| **illegal** | **bool** | **This comment obeys the law or not** |
|  |  |  |