**SRP Schema Design**

**Redditors**

**Authors**

**Posts**

**Subreddits**

**Post –** Fact-less Fact table {granular details of post like link, comments}

**Authors** – Dimension table {details about how is the author-redditor/subreddits}

**Redditors** – Dimension table contains description of redditor

**Subreddits** – Dimension table contains details of each subreddit

Post Table:

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Type** | **Description** |
| author | string | Account name of the poster(it can be redditor/subreddit) |
| author\_flair\_text | string | The text of the authors flair.subreddit specific |
| Post\_text | string | Text value of post(title-submission,body-comment) |
| Likes | string | How the logged in user has voted on the link-True=upvoted,False=downvoted,null=no vote |
| Parent\_id | string | Id of the thing this comment is reply to ,either the link or the comment in it |
| Subreddit | String | Subreddit of the thing excluding r/prefix |
| Subreddit\_id | string | The id of the subreddit in which the thing is located. |
| Score | Int | The net score of the comment |
| Post\_url | String | Contains the url of the parent link(link\_url-comments,perma\_link,url-submissions) |
| Ceated\_utc | String | Timestamp of post created |

Author Table:

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Type** | **Description** |
| Author | String | Account holder name |
| Author\_id | String | Account id |
| Account\_type | String | Subreddit\_type(redditor/subreddit) |
| Created\_utc | String | Timestamp of author created |
| Account\_description | String | Describe about account |
|  |  |  |
|  |  |  |

Subreddit Table:

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Type** | **Description** |
| Id | String | Subreddit id |
| Name | String | Subreddit name, account name |
| Display\_name | String | Actual name of subreddit |
| Description | String | Sidebar text |
| Subscribers | Int | Number of subscribers |
| url | String | url of subreddit |
| User\_is\_contributor | String | Whether the user is contributor |
| User\_is\_moderator | String | Whether the user is moderator |
| User\_is\_subscriber | String | Whether the user is subscriber |
| Created\_utc | String | Timestamp |
| Title | String | Title of subreddit account |

Redditors Table:

|  |  |  |
| --- | --- | --- |
| **Attribute Name** | **Type** | **Description** |
| Id | String | Account |
| Name | String | Account name |
| Is\_mod | Boolean | t/f if mod |
| Link\_karma | String |  |
| Comment\_karma | String | Users comment karma |
| Over\_18 | Boolean |  |
| Display\_name | String | Users name |
| Title | String | Title of user account |
| Profile\_img | String | Image url |
| subscribers | Int | Count of subscribers |
| Created\_utc | String | Timestamp of account created |
| Subreddit\_type | String | Mention type of redditors it its ex: user etc. |