**Dataset Dictionary**

| **columns** | **descriptions** | notes |
| --- | --- | --- |
| **viewers\_id** | contained information about viewers\_id. There are several ids using UN- and using dynamic number generated |  |
| **content\_id** | contained information about content\_id. The ids are using dynamic number generated |  |
| **hit\_timestamp** | contained information describes the time viewers carry out the process of reading per one article |  |
| **user\_type** | describe user type based on registered user and anonymous user or unregistered |  |
| **category\_id** | contained information about category\_id. The ids are using dynamic number generated |  |
| **tagging** | describe the tagging per content\_id |  |
| **creator\_id** | describe content owner |  |
| **category\_name** | describe the category name |  |
| **viewers\_birthdate** | describe the birthdate of viewers |  |
| **viewers\_gender** | describe the gender of viewers |  |
| **viewers\_region** | describe the region of viewers |  |