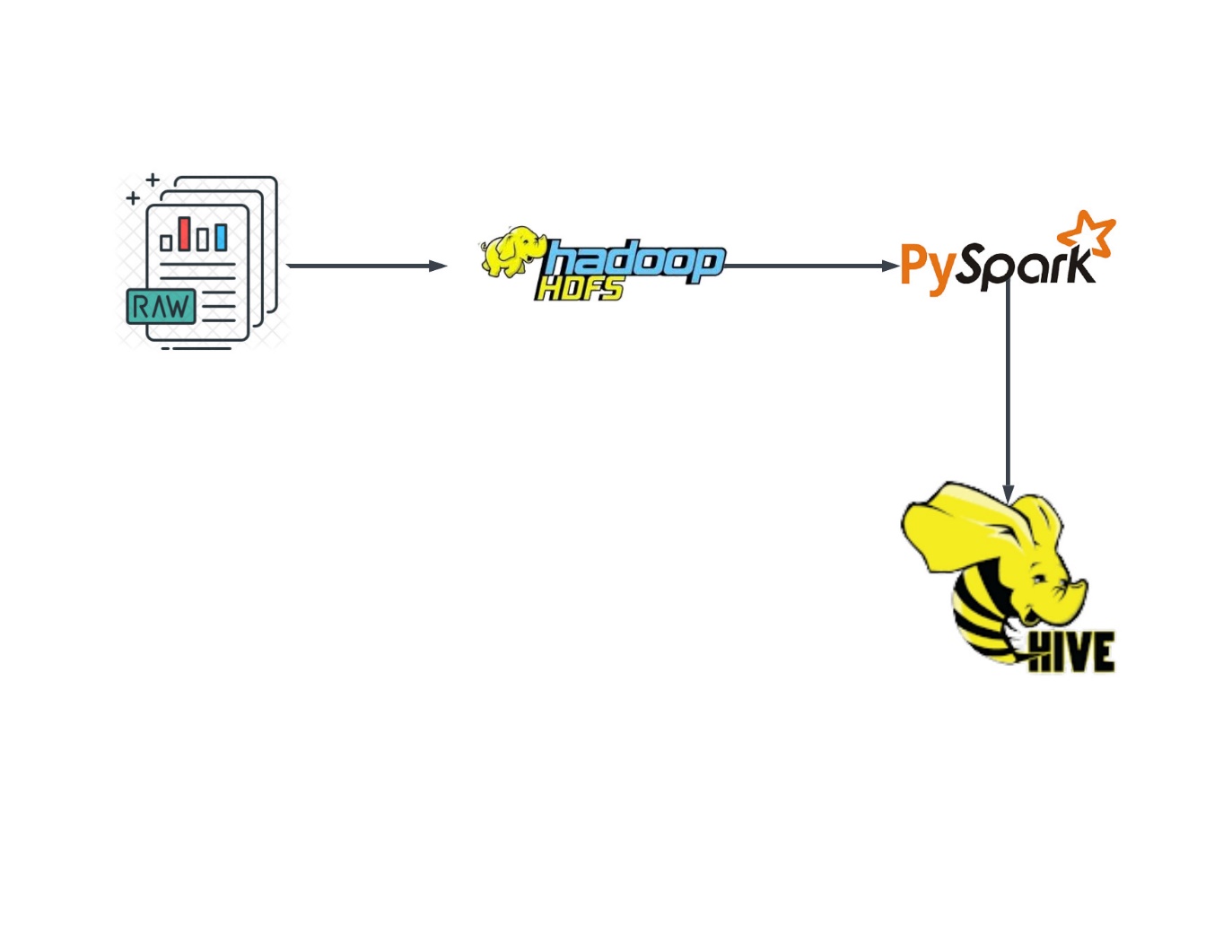
MOVIE ANALYTICS WIREFRAME:

platform architecture :

conceptual architecture :



We have three data source files

* users.dat

|  |  |
| --- | --- |
| UserID | Int |
| Gender | char |
| Age | integer |
| Occupation | integer |
| Zip-code | string |

- Gender is denoted by a "M" for male and "F" for female

- Age is chosen from the following ranges:

\* 1: "Under 18"

\* 18: "18-24"

\* 25: "25-34"

\* 35: "35-44"

\* 45: "45-49"

\* 50: "50-55"

\* 56: "56+"

- Occupation is chosen from the following choices:

\* 0: "other" or not specified

\* 1: "academic/educator"

\* 2: "artist"

\* 3: "clerical/admin"

\* 4: "college/grad student"

\* 5: "customer service"

\* 6: "doctor/health care"

\* 7: "executive/managerial"

\* 8: "farmer"

\* 9: "homemaker"

\* 10: "K-12 student"

\* 11: "lawyer"

\* 12: "programmer"

\* 13: "retired"

\* 14: "sales/marketing"

\* 15: "scientist"

\* 16: "self-employed"

\* 17: "technician/engineer"

\* 18: "tradesman/craftsman"

\* 19: "unemployed"

\* 20: "writer"

* ratings.dat

|  |  |
| --- | --- |
| UserID | integer |
| MovieID | integer |
| Rating | integer |
| Timestamp | timestamp |

- UserIDs range between 1 and 6040

- MovieIDs range between 1 and 3952

- Ratings are made on a 5-star scale (whole-star ratings only)

- Timestamp is represented in seconds since the epoch as returned by time(2)

- Each user has at least 20 ratings

* movies.dat

|  |  |
| --- | --- |
| MovieID | int |
| Title | strings |
| Genres | string |

- Titles are identical to titles provided by the IMDB (including

year of release)

- Genres are pipe-separated and are selected from the following genres:

\* Action

\* Adventure

\* Animation

\* Children's

\* Comedy

\* Crime

\* Documentary

\* Drama

\* Fantasy

\* Film-Noir

\* Horror

\* Musical

\* Mystery

\* Romance

\* Sci-Fi

\* Thriller

\* War

\* Western

- Some MovieIDs do not correspond to a movie due to accidental duplicate

entries and/or test entries

- Movies are mostly entered by hand, so errors and inconsistencies may exist