Page 7:

Mahyar: References might be added to these numbers and statistics.

Page 8:

Mahyar: The whiteboard photo can be included somehow

Page 10,11,12:

Mahyar: The breakdown formats are not the same in these pages. Some artifacts or photos might help these pages to look much more attractive.

Page 13:

Mahyar: this page and datasets require logos somehow

Page 14:

Mahyar: please add this:

[MusicBrainz Database](https://musicbrainz.org/doc/MusicBrainz_Database) stores all the various pieces of information we collect about music, from artists and their releases to works and their composers, and much more. It is sponsored by Google, Github, OSL and so on. MB is now considered as one of the robust references and datasets in music industry.

To provide artists information with their MBID.

Page 16,17,18:

Mahyar: please add some information about the raw data, add the website url.

Page 17:

Mahyar: this photo is not similar to the others. It must be updated for the sake of consistency.

Page 19:

Mahyar: What need to be added here?

Page 20:

Mahyar: I don’t get this page.

Page 24:

Mahyar: What need to be added here?

Page 25:

Mahyar: This page is duplicate and unnecessary.

Page 27-35:

Mahyar: As I have understood, this presentation must not look like technical. I think both ERD screenshots and the part “Action Taken” need to be updated somehow. Action Taken part is great but it can be paraphrased to non-technical language. However, if we remove the ERD files, we have nothing to replace them … 😊

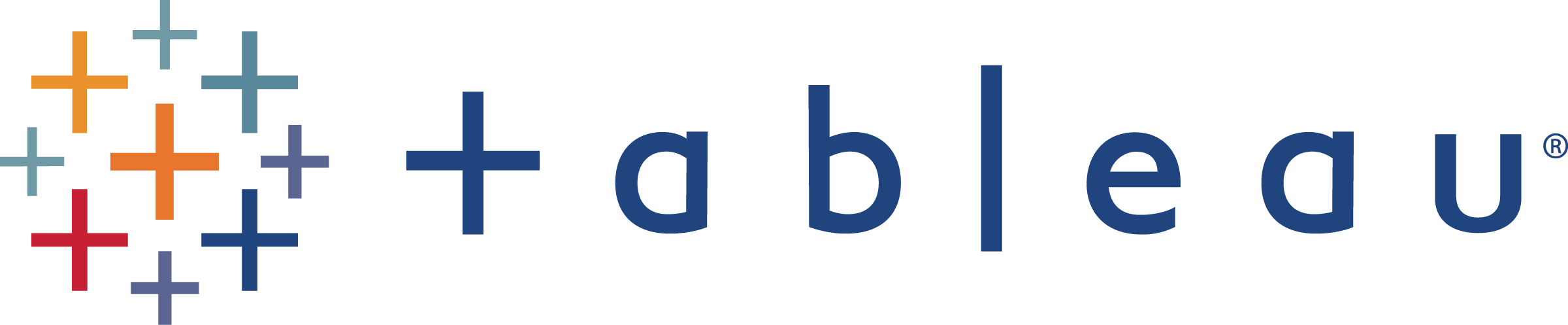
Page 36:

Mahyar: We can update the tools as this. They are looking forward to see HADOOP and SPARK:

* Hadoop / Spark
* PostgreSQL / Heroku
* Python
* Github

Please add another slide before Page 36 titled “BDDS Architecture” and try to use the picture below (it is available on documents folder , “Gig\_Workflow” file)

**DATA VISUALIZATION**

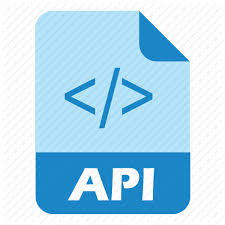




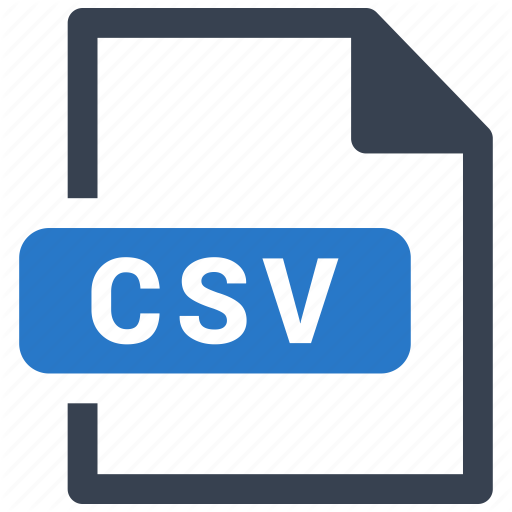
**DATA INGESTION**



**MusicBrainz**



**Spotify**



**Songkick**

**DATA**

**SOURCE**

Batch Processing

**DATA PROCESSING & ANALYSIS**



Batch Processing

**DATA STORAGE**





Page 37:

Mahyar: I think this slide is unnecessary and can be removed.

Page 41:

Mahyar: This slide looks like different to others

Page 38-42:

Mahyar: I think these pages are related to spotifyCharts workflow. Some titles can help the auditors to understand this matter. And so to the other similar slides.