SPD offline data processing.
Data organization and naming convention.

| Grouping tier | Field | Description | Example |
| --- | --- | --- | --- |
| 0 | [YEAR] | Main Scope - the year of data production | 2050 |
| 1 | [MC | DATA] | Real data or simulated data | DATA |
| 2 | [energy][polarization] |  | 250LT |
| 3 | [desc] | Short name of physics aim | minbias |
| 4 | [RunNumber] | Run number for DATA, ID for MC | 27189 |
| 5 | [data type]  | EVGEN, SIMUL, RECO…. | RAW |
| 6 | [DatasetUID] | unique ID of the dataset | 636763fd78df7d |
| 7 | [Version] | for reprocessing | 0 |

**2050.DATA.250LT.minbias.27189.RAW.636763fd78df7d.0**

Still open questions/issues:

Do we need data taking period? Reason, if condition associated with RunNumber?

Special runs: alignment, calibration? - marked in [Desc]?

Is DS name case-sensitive?

Allowed symbols for filed name.

Delimiter: [ . \_ ] ?

Should we have a taskID in name?