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# Summary

SAP recommends building reports on Calc Views (Graphical is better than CE is better than SQL) and Analytics Views:

The various reporting tools connect to the "top" of the Calculation Views or Analytics Views (from my tests, Lumira cannot see Attribute views). This "top" layer is the one that needs to have correct desciptions, key field/long text description links, correctly identified measures/attributes and so on.

Only Attribute Views can specify keys.

Only Analytic Views and Calc Views can specify variables/input parameters.

No information view offers sorting in it’s definition, that is the reporting tool’s job.

Notably:

- calculated columns can return Calculated Attributes (Chars) as well as Calculated Measures (KFs).

- it lets me rename tech names of things (eg analytic view) but not sure how well that cascades, or if it would fail.

## Attribute Views - Join/Transactional Engine

A bit like modelling master data or dimension tables. Objects named AT\_.

Has subtypes Standard, Time, Derived.

Designed for JO

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Attribute View** | **Analytic View** | **Calc View** | **Calc View SQL** |
|  |  |  |  |  |
| Calculated column with Measures before aggregation | No | Yes | No | Presumably yes? |
| Counter (count distinct) | No | No | Yes | Presumably yes? |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |