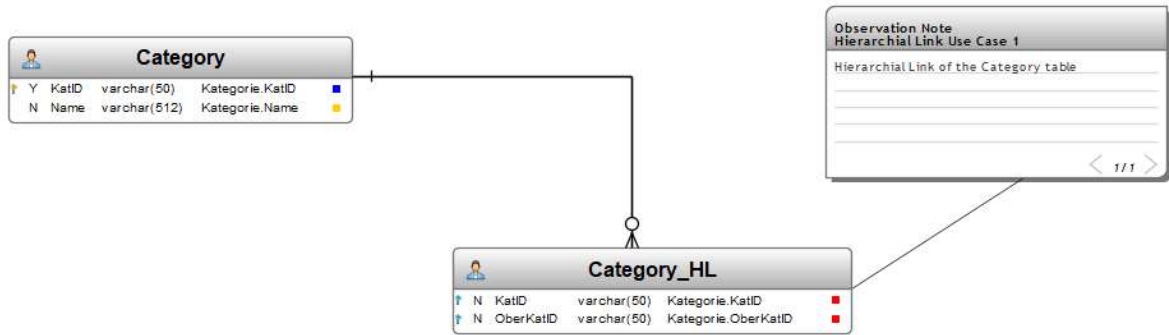
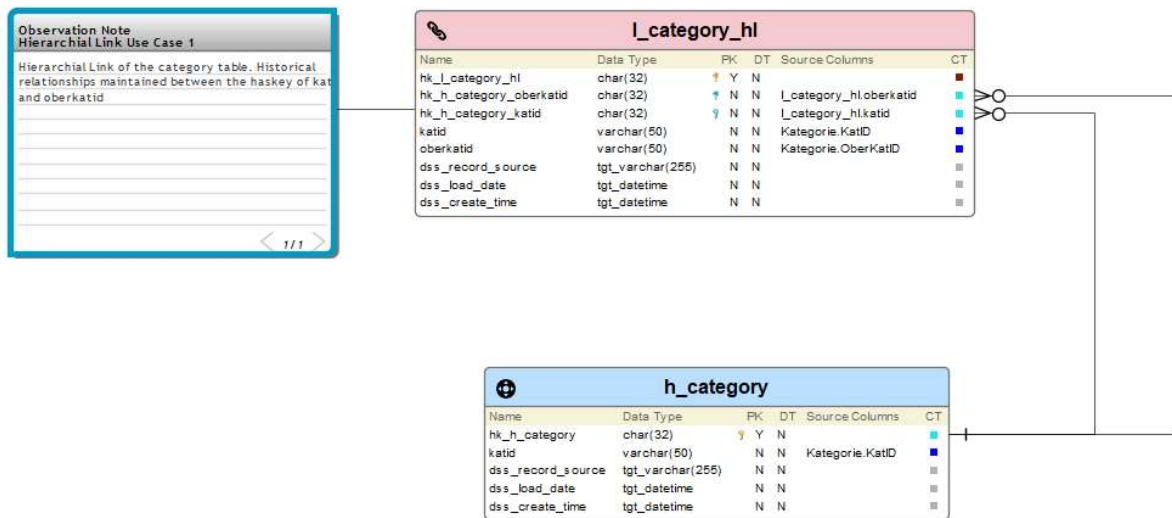


# 1. Hierarchical Link

## Data Vault design



## Raw Vault generated automatically by 3D



## Load and Staging generated automatically by 3D

The screenshot displays four database schema windows in WhereScape RED:

- l\_category\_hi**: A table with columns: hh\_i\_category\_hi (char(32)), hh\_h\_category\_oberkaltid (char(32)), hh\_h\_category\_kaltid (char(32)), daa\_record\_source (lgl, varchar(255)), daa\_load\_state (lgl, datetime), and daa\_create\_time (lgl, datetime). It includes foreign key relationships to stage\_category\_hi.
- stage\_category\_hi**: A table with columns: hh\_i\_category\_hi (char(32)), hh\_h\_category\_oberkaltid (char(32)), hh\_h\_category\_kaltid (char(32)), oberkaltid (varchar(50)), daa\_record\_source (lgl, varchar(255)), daa\_load\_state (lgl, datetime), and daa\_create\_time (lgl, datetime). It includes foreign key relationships to stage\_category.
- stage\_category**: A table with columns: hh\_h\_category (char(32)), kaltid (varchar(50)), name (varchar(512)), daa\_change\_hash\_category\_msc (lgl, char(32)), daa\_record\_source (lgl, varchar(255)), daa\_load\_state (lgl, datetime), and daa\_create\_time (lgl, datetime). It includes foreign key relationships to load\_kategorie\_willibald\_webshop.
- load\_kategorie\_willibald webshop**: A table with columns: kaltid (varchar(50)), oberkaltid (varchar(50)), name (varchar(512)), daa\_record\_source (lgl, varchar(255)), daa\_load\_state (lgl, datetime), and daa\_create\_time (lgl, datetime). It includes foreign key relationships to the source table.

An **Observation Note** titled "Hierarchal Link Use Case 1" is visible, stating: "Hierarchal Link in the category table. Hierarchal relationships exist in mod between the hauptid and oberkaltid."

## Data Lineage in WhereScape RED

Note: WhereScape Red uses the XML File to build the data warehouse objects and all code routines to ingest the load tables, ODS layers, views, stage tables and the raw vault or the business vault layers.



## Sample Data of Hierarchical Link

Data display for DEMO\_DB.DDVG\_DATA\_VAULT.I\_category\_hl

HK_L_CATEGORY_HL	HK_H_CATEGORY_OBERKA...	HK_H_CATEGORY_KATID	DSS_RECORD_SO...	DSS_LOAD_DATE	DSS_CREATE_TIME
\83bda841216514c2369c...	493bc3162e75d5844f6b470...	6c8708fcc1f36cfbef30...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\ff90aaf18b47edaf284a7...	493bc3162e75d5844f6b470...	51850a4c30f03aab710e...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\2ed0842fcc69c73ffa7ec...	37a6259cc0c1dae299a7866...	a5f3c6a11b03839d46af...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\52e3ec947ef7e4b72782...	030afd65f93bbefb93ad2c5...	c85ca5d966db5231282e...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\9feb77f80ccceae66e3e3...	5a4501488cf39c4ce8ac681...	caacd840ccb02890820c...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\8d24c3a60ae3ce7143e2...	7e924d0ff62a9cdd1915c87...	6cacabf76b43b346004...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\648858afe91c875df6c82...	7e924d0ff62a9cdd1915c87...	79b91018a9773c2845d...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\ff6e35ad001b400b34efa...	ce929cfbac27af9f9189312c...	700f3fc8d63bce414349...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\9f6ebf2123e2fd0fe5d82...	7e924d0ff62a9cdd1915c87...	3aa644a2adc2918a141f...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\8961830d585d8ba88bd...	7e924d0ff62a9cdd1915c87...	a7c2f71aa3d5727f9a1be...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\57f780e4e09e58c2b7e...	cc7ade63028f059aad755d...	de3654c072c4b2b14030...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\cdea13d5c6b25b2fa8f06...	e97554bc91b37c35935676a...	32531a61063a3f0c22a9...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\7cb3e42c198e1890e322...	7e924d0ff62a9cdd1915c87...	b0b4b52525b09beba8d...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\20be6d65208f754c7280...	e21dcde6dc83ef7ba9eba08...	8a6715674a1f5cbaafc28...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\599e9b518cfe872ed88f...	493bc3162e75d5844f6b470...	f53106b60d40d5facf223...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\3867677a8541c3057543...	7e924d0ff62a9cdd1915c87...	1f11c24ad6a700007592...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...
\30f743df1d8e7c131516c...	7e924d0ff62a9cdd1915c87...	28d2ec93bf8c1e86c27c...	Willibald Websho...	2023-05-16 14:20:...	2023-05-16 14:21:4...