**Data Warehouse thoughts**

Diamond was a bit of a bastardisation of a snowflake schema. It had normalised dimensions and fact tables that joined each other.

**Slowly changing dimensions**

For some tables, eg contact, used Type 2 SCD – history was preserved by adding a new row. The “key” is a surrogate consisting also of the audit date. These tended to be actual fact tables.

For some tables, eg product, used Type 1 SCD – there was only ever one row for a product, if an attribute changed then the product row would just be updated. These are true look up tables so this is appropriate

Business key = source, sourcecontactid, marektcode

**Joining between fact tables**

To join between fact tables you have to take into account auditdate (which we’ll pretend is a key.)

**Performance**

Consider processor affinity