

- Client: Is it built for a lot of records?
- Q: are we going to use that database as a search engine? How will you link it to a real-world scenario? So first as a search engine, but probably both as well?
- Demo scenario: Product and an order with multiple users
- What happens with a relational db transaction?
- Better as a search or as redesigning the db on a transactional basis?
- Transaction is no longer a search – its direct
- How maintainable are the records on the db?
- How do I add a new product or delete etc?
- If used as a search engine alone, how will you update or keep in sync with the relational db?
- New record is not a real problem, but how on the relational db?
- What do you do when you want to add or change something?
- How do you notify which table or record?
- Rebuilding the whole db is not the whole problem...
- Must I move everything to this new db? Why? why not?
- May be a brilliant search engine but not a number cruncher
- Using two dbs – one as a central and the other as a backup – but the types are different – nosql + pattern dbs

- Learning: Tablets, tabs etc
- How will you decide what to learn and what not to learn?
- They're millions of combinations
- Keep in mind, they will be new learnings... how will you do this?
- Cos the current example by Heinrich was done manually
- The computer needs to know what to do
- Inserting manually may not be efficient
- Heinrich's option was based on pre-knowledge – he learned it
- We may still have to integrate Machine Learning

- We need to determine what's a validate what's right
- We don't need to have all the answers in there, but we ought to have answers on paper after understanding what to do especially on the Machine learning side
- We are working with constraints, so he doesn't request that we have the whole thing figured by demo day
- Daniel: Did you mean this? Then adds to database
- Advice that it's supervised learning
- Daniel: depends on the industry
- There will be minor changes here and there

- Can make the learning more specific etc
- We ought to decide on what is required for the context – some may require more accuracy, where others may require more consensus
- Return top 20 etc – as you don't need to return all the results
- How does it work in an application? Java, doc.net
- Uses SOAP
- Does SOAP calls etc

- **ZIZO approved!**
- Yay 😊
- So: Must he use it as a search engine or as a database?
- Heinrich feels it's an unnecessary overhead
- How deep do we link our pointers?
- Client: from a search engine scenario, it's great and looks impressive
- As a search engine, then the maintenance between the two dbs are the concern'
- As a db, the impact on the existing db is the concern. How much do I need to redo?
- Impression: Speed is relative, + the words Heinrich used and what came back/returned
- He'd like to give it a try
- What will it cost? In money, effort, setting up etc., for demo day
- Installation – a bit difficult
- Operating System?