Relational Databases

Cause traditional ideas of storage are too hard

Student Teacher Courses

SID Name ~~~~~~~~~ TID~~~~~~~~~~ CID~~~~~~~~~

1 Blah 1

2 blaskdf 2

3 witu 3

4 ;kl 4

5 loa 5

6 aqw 6

On the transcripts, each row has a different set of numbers

SID TID CID Term Grade

2 Z 4 2014 99

2 C 5 2014 65

3 B 1 2014 89

Standard of storing data like this became Structured Query Language

SQL

Sequel

Oracle, Sybase, IBM, DB2 – industrial SQL

Personally you can't really use those

So you use smaller things like Postgress(ql), mysql

They don't implement ALL the tools in sql, such as transactions (at least back in the day)

Those two leapfrogged each other for a while, getting better and better

SQLite v3