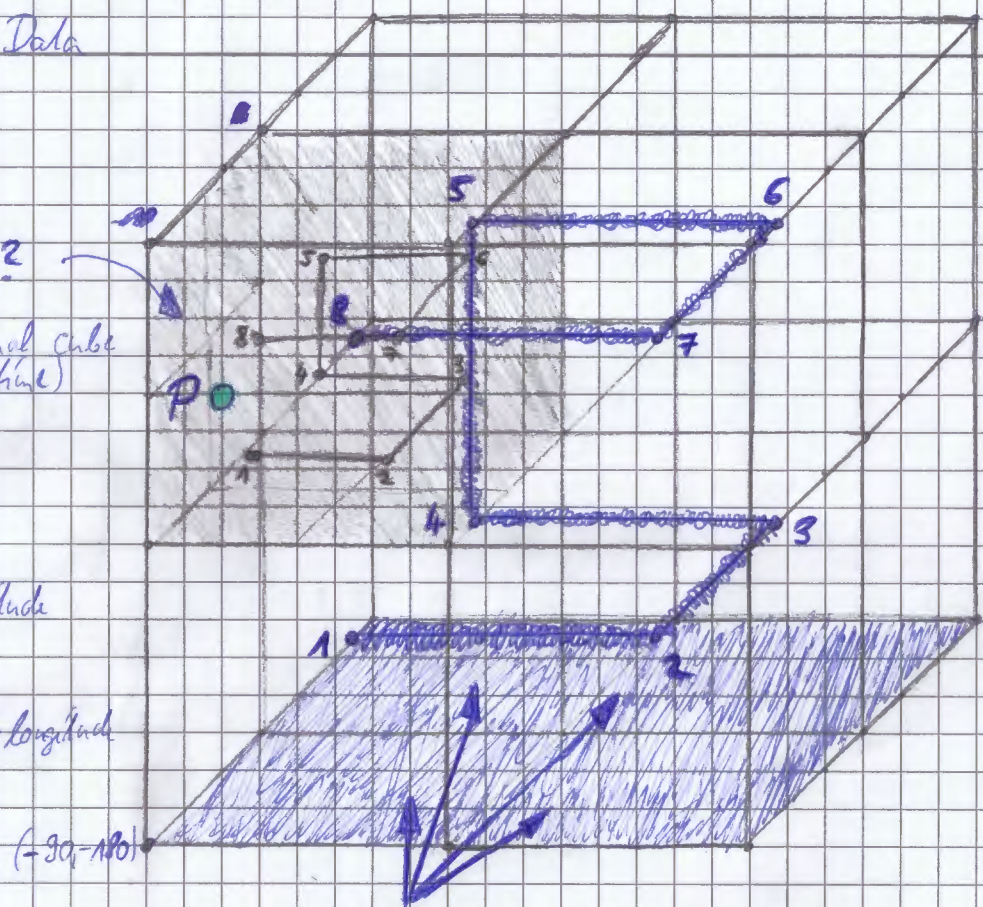
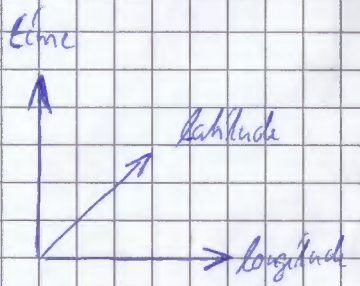


Store Point Data

Hilbert-curve  
→ first order

Bin Id = 8?

Bin ≙ 3-dimensional cube  
(lat, long, time)



2008-2015

2000-2007

• Row do you avoid Rotations?

$P(30, -180, 2010-01-01)$

- point will be stored in highest tier number → tier 1
- default date range? Row to determine first bin?
- another Hilbert-curve within each bin?
  - which resolution? (also first order?)
- Calculation of boundaries for each bin?

• tier 1 (latitudo, longitudo)

column

Row Id	Index Id	Tier	Bin	Hilbert	...	Data Id	...	Field Id	Value
1	8	1	8	4		1		latitudo	30
1	8	1	8	4	...	1	...	longitudo	-180
1	8	1	8	4	...	1	...	date	2010-01-01
...	...	...	...	...	...	...	...	other attributes	
...	...	...	...	...	...	...	...	other Features	
...	...	...	...	...	...	...	...	...	

↑  
maybe stored in ms?