

UNF

Orders(order\_id,store\_id,hub\_id,store\_name,store\_segment,store\_plan\_price,store\_latitude,store\_longitude,payment\_order\_id,delivery\_order\_id,order\_status,order\_amount,order\_delivery\_fee,order\_delivery\_cost,order\_created\_hour,order\_created\_minute,order\_created\_day,order\_created\_month,order\_created\_year,order\_moment\_created,order\_moment\_accepted,order\_moment\_ready,order\_moment\_collected,order\_moment\_in\_expedition,order\_moment\_delivering,order\_moment\_delivered,order\_moment\_finished,order\_metric\_collected\_time,order\_metric\_paused\_time,order\_metric\_production\_time,order\_metric\_walking\_time,order\_metric\_expedition\_speed\_time,order\_metric\_transit\_time,order\_metric\_cycle\_time,channel(channel\_id,channel\_name,channel\_type))

1NF

Orders(order\_id,store\_id,hub\_id,store\_name,store\_segment,store\_plan\_price,store\_latitude,store\_longitude,payment\_order\_id,delivery\_order\_id,order\_status,order\_amount,order\_delivery\_fee,order\_delivery\_cost,order\_created\_hour,order\_created\_minute,order\_created\_day,order\_created\_month,order\_created\_year,order\_moment\_created,order\_moment\_accepted,order\_moment\_ready,order\_moment\_collected,order\_moment\_in\_expedition,order\_moment\_delivering,order\_moment\_delivered,order\_moment\_finished,order\_m

etric\_collected\_time,order\_metric\_paused\_time,order\_metric\_production\_time,order\_metric\_walking\_time,order\_metric\_expedition\_speed\_time,order\_metric\_transit\_time,order\_metric\_cycle\_time)

CK:

PK:

order\_id

channel(order\_id,channel\_id,channel\_name,channel\_type)

PK:

order\_id,channel\_id

PD:

channel\_id -> channel\_name

2NF

Orders(order\_id,store\_id,hub\_id,store\_name,store\_segment,store\_plan\_price,store\_latitude,store\_longitude,payment\_order\_id,delivery\_order\_id,order\_status,order\_amount,order\_delivery\_fee,order\_delivery\_cost,order\_created\_hour,order\_created\_minute,order\_created\_day,order\_created\_month,order\_created\_year,order\_moment\_created,order\_moment\_accepted,order\_moment\_ready,order\_moment\_collected,order\_moment\_in\_expedition,order\_moment\_delivering,order\_moment\_delivered,order\_moment\_finished,order\_metric\_collected\_time,order\_metric\_paused\_time,order\_metric\_pro

duction\_time,order\_metric\_walking\_time,order\_metric\_expedition\_speed\_time,order\_metric\_transit\_time,order\_metric\_cycle\_time)

channel(order\_id,channel\_id,channel\_type)

Channelbasic(channel\_id,channel\_name)

TD: non-key > non-key

store\_id->store\_name,store\_segment,store\_plan\_price,store\_latitude store\_longitude

3NF

Orders(order\_id,store\_id[FK],hub\_id,payment\_order\_id,delivery\_order\_id,order\_status,order\_amount,order\_delivery\_fee,order\_delivery\_cost,order\_created\_hour,order\_created\_minute,order\_created\_day,order\_created\_month,order\_created\_year,order\_moment\_created,order\_moment\_accepted,order\_moment\_ready,order\_moment\_collected,order\_moment\_in\_expedition,order\_moment\_delivering,order\_moment\_delivered,order\_moment\_finished,order\_metric\_collected\_time,order\_metric\_paused\_time,order\_metric\_production\_time,order\_metric\_walking\_time,order\_metric\_expedition\_speed\_time,order\_metric\_transit\_time,order\_metric\_cycle\_time)

channel(order\_id,channel\_id,channel\_type)

Channelbasic(channel\_id,channel\_name)

Store(store\_id [PK], store\_name, store\_segment, store\_plan\_price,  
store\_latitude, store\_longitude)

#### FULL DEPENDENCY

order\_id->store\_id,hub\_id,payment\_order\_id,delivery\_order\_id,o  
rder\_status,order\_amount,order\_delivery\_fee,order\_delivery\_cost,  
order\_created\_hour,order\_created\_minute,order\_created\_day,ord  
er\_created\_month,order\_created\_year,order\_moment\_created,or  
der\_moment\_accepted,order\_moment\_ready,order\_moment\_coll  
ected,order\_moment\_in\_expedition,order\_moment\_delivering,or  
der\_moment\_delivered,order\_moment\_finished,order\_metric\_col  
lected\_time,order\_metric\_paused\_time,order\_metric\_production  
\_time,order\_metric\_walking\_time,order\_metric\_expedition\_speed  
\_time,order\_metric\_transit\_time,order\_metric\_cycle\_time

order\_id,channel\_id -> channel\_type

channel\_id -> channel\_name

store\_id->store\_name,store\_segment,store\_plan\_price,  
store\_latitude, store\_longitude

