

# Functional Dependencies

- $\text{cate\_id} \rightarrow \text{name}$  BCNF
- $\text{name} \rightarrow \text{cate\_id}$  BCNF
- $\text{dishtype\_id} \rightarrow \text{name}$  BCNF
- $\text{dishtype\_id} \rightarrow \text{cate\_id1}$  BCNF
- $\text{name} \rightarrow \text{dishtype\_id}$  BCNF
- $\text{name} \rightarrow \text{cate\_id1}$  BCNF
- $\text{tod\_id} \rightarrow \text{name}$  BCNF
- $\text{tod\_id} \rightarrow \text{cate\_id2}$  BCNF
- $\text{name} \rightarrow \text{tod\_id}$  BCNF
- $\text{name} \rightarrow \text{cate\_id2}$  BCNF
- $\text{season\_id} \rightarrow \text{name}$  BCNF
- $\text{season\_id} \rightarrow \text{cate\_id3}$  BCNF
- $\text{name} \rightarrow \text{season\_id}$  BCNF
- $\text{name} \rightarrow \text{cate\_id3}$  BCNF
- $\text{recipe\_id} \rightarrow \text{name}$  BCNF
- $\text{recipe\_id} \rightarrow \text{instruction}$  BCNF
- $\text{recipe\_id} \rightarrow \text{prep\_time}$  BCNF
- $\text{instruction} \rightarrow \text{name}$  BCNF
- $\text{instruction} \rightarrow \text{prep\_time}$  BCNF
- $\text{instruction} \rightarrow \text{recipe\_id}$  BCNF
- $\text{diet\_req\_id} \rightarrow \text{diet\_name}$  BCNF
- $\text{ingre\_id} \rightarrow \text{ingre\_name}$  BCNF
- $\text{ingre\_id} \rightarrow \text{diet\_req\_id}$  BCNF
- $(\text{recipe\_id}, \text{ingre\_id}) \rightarrow \text{recipe\_id}, \text{ingre\_id}$  BCNF
- $\text{sub\_id} \rightarrow \text{time\_span}, \text{expense}$  BCNF
- $\text{rp\_user} \rightarrow \text{user\_name}, \text{contact}, \text{user\_pw}, \text{sub\_id}, \text{start\_date}, \text{end\_date}$  BCNF
- $(\text{recipe\_id}, \text{user\_id}) \rightarrow \text{rating}, \text{review}$  BCNF