Foundations in Tabular Data Downstream Tasks Datasets Data Structures 1D Tabular Data 1D Tabular Data **TQA** TR **2D Tabular Data** ncomo **Diabetes TSP TMP** 2D Tabular Data **Data Types TCP** TP Bin Num Willicon TFC TG Wiki Tables Hyperlink Timestamp Text **Tabular Data Modeling Techniques Intermediate Modules Training Objectives Input Processing** Masking

Attention

Positional Encoding

Corrupting

Token-level

Contrastive

Sample-wise

Data Retrieval

Table Serialization

Context Integration

