

Audio Recording



```
graph TD; A[Audio Recording] --> B[Data Preparation]; subgraph B [Data Preparation]; B1[Signal Representation]; B2[Pre-Processing]; B3[Data Augmentation]; end; B --> C[Data Modelling]; subgraph C [Data Modelling]; C1[Network Architecture]; C2[Learning Paradigm]; end; C --> D[Evaluation & Deployment];
```

The diagram illustrates a sequential process for audio processing. It begins with 'Audio Recording', which leads to a 'Data Preparation' stage. This stage is a container holding three sub-steps: 'Signal Representation', 'Pre-Processing', and 'Data Augmentation'. An arrow from the 'Data Preparation' container points to a 'Data Modelling' stage, which is another container holding 'Network Architecture' and 'Learning Paradigm'. Finally, an arrow from 'Data Modelling' points to the 'Evaluation & Deployment' stage.

Signal  
Representation

Pre-Processing

Data  
Augmentation

**Data Preparation**

**Data Modelling**

Network  
Architecture

Learning Paradigm

Evaluation &  
Deployment