

Load data

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graph TD; A[Load data] --> B["Data normalization (mapminmax)"]; B --> C["Create BP neural network (newff)"]; C --> D["Train neural network (train)"]; D --> E["Simulate neural network (sim)"]; E --> F["Data denormalization (mapminmax)"]; F --> G[Get the prediction results];
```

Data normalization
(mapminmax)

Create BP neural network
(newff)

Train neural network
(train)

Simulate neural network
(sim)

Data denormalization
(mapminmax)

Get the prediction results