xxx

汇报人：xxx
指导老师：xxx

xxx

x 年 x 月 x 日

目录

XXXX

xxxx

- XXX
- XXX

XXXXX

xxxxx

- XXXXXXXX
- XXXXXXXX

XXXX

XXXXXX

- XXXXX
- XXXXX
- XXXXXXXXX

统计方法

ARIMA

- 自回归模型:AR

$$y_t = \mu + \sum_{i=1}^{p} \gamma_i y_{t-i} + \epsilon_t \tag{1}$$

- 移动平均模型:MA

$$y_t = \mu + \sum_{i=1}^{p} \theta_i \epsilon_{t-i} + \epsilon_t \tag{2}$$

- 自回归移动平均模型:ARMA

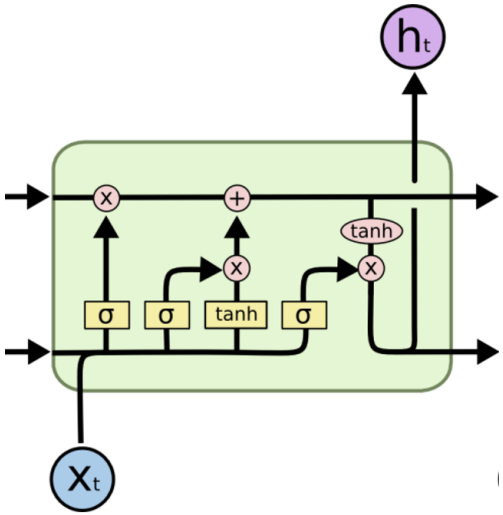
$$y_t = \mu + \sum_{i=1}^{p} \gamma_i y_{t-i} + \sum_{i=1}^{p} \theta_i \epsilon_{t-i} + \epsilon_t \tag{3}$$

深度学习

LSTM

Mathematics

$$f_t = \sigma(W_f[h_{t-1}, x_t] + b_f)$$
$$i_t = \sigma(W_i[h_{t-1}, x_t] + b_i)$$
$$\tilde{C}_t = tanh(W_c[h_{t-1}, x_t] + b_c)$$
$$C_t = f_t * C_{t-1} + i_t * \tilde{C}_t$$
$$o_t = \sigma(W_o[h_{t-1}, x_t] + b_o)$$
$$h_t = o_t * tanh(C_t)$$



数据集

xxxxx

如表1所示

Table: Dataset

xx	xx	xx	xx	xx
0	0	0	18	0
0	99	100	50	0

xxx rows-xxx cols

汇报完毕　恳请指正

Presented by
xxx