**98.ISTANBUL STOCK EXCHANGE（金融）**

1. 数据库网址

https://archive.ics.uci.edu/ml/datasets/ISTANBUL+STOCK+EXCHANGE

2. 数据库描述

【1.[数据集名称]数据集由[机构名或人名]采集；】The data used in our experiments were collected by E. Alpaydin, C. Kaynak, from Department of Computer Engineering,Bogazici University at July,1998.【2.用于[什么实验目的]】We used preprocessing programs made available by NIST to extract normalized bitmaps of handwritten digits from a preprinted form.【3】

【4】The database has 5620 samples, respectively belong to optdigits.tra with 3823 samples and optidigits.tes with 1797 samples. The categories of network system include seven categories, as shown in Table 1.

Table 1 Category Distribution of Network System [根据数据库绘制]

|  |  |  |  |
| --- | --- | --- | --- |
| Invasion Categories | optdigits.tra | optdigits.tes | Total Number of Samples |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| Total number of samples in total |  |  | 536 |

|  |  |
| --- | --- |
| **Abstract**: Data sets includes returns of Istanbul Stock Exchange with seven other international index; SP, DAX, FTSE, NIKKEI, BOVESPA, MSCE\_EU, MSCI\_EM from Jun 5, 2009 to Feb 22, 2011. |  |

**Source:**

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**Data Set Information:**

Data is collected from imkb.gov.tr and finance.yahoo.com. Data is organized with regard to working days in Istanbul Stock Exchange.

**Attribute Information:**

Stock exchange returns. Istanbul stock exchange national 100 index, Standard & poorâ€™s 500 return index, Stock market return index of Germany, Stock market return index of UK, Stock market return index of Japan, Stock market return index of Brazil, MSCI European index, MSCI emerging markets index

**Relevant Papers:**

Paper: Akbilgic, O., Bozdogan, H., Balaban, M.E., (2013) A novel Hybrid RBF Neural Networks model as a forecaster, Statistics and Computing. DOI 10.1007/s11222-013-9375-7   
PhD Thesis: Oguz Akbilgic, (2011) Hibrit Radyal TabanlÄ± Fonksiyon AÄŸlarÄ± ile DeÄŸiÅŸken SeÃ§imi ve Tahminleme: Menkul KÄ±ymet YatÄ±rÄ±m KararlarÄ±na Ä°liÅŸkin Bir Uygulama, Istanbul University