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作者贡献说明：

徐璐：设计研究方案，金融科技分类，分析数据，撰写论文；
卢小宾：提出研究思路和框架，修改论文；
杨冠灿：构建模型，处理数据。

Identify and Classify FinTech Patent

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Abstract: [**Purpose/significance**] FinTech has developed rapidly in the information and data era, and the number of patents has continued to increase. At the same time, its field crossover and blurred borders characteristics have also increased the difficulty of patent analysis. Therefore, it is necessary to construct a suitable identification and classification method, so as to accurately and efficiently process the continuously growing large volume data. [**Method/process**] This paper firstly sorted out the innovation categories based on the connotation and function of FinTech, and thus clarified the scope and boundaries of FinTech patents. Then, it constructed a FinTech patent recognition and classification model based on machine learning algorithms, combining text filtering and manual interpretation. [**Result/conclusion**] This paper proposes a patent recognition and classification process, based on machine learning algorithms, which is more accurately and efficiently. By analyzing the obtained FinTech patent classification data, the research also summarizes the current FinTech development status.

Keywords: FinTech　information economics　patent analysis　machine learning