CONTENTS



一直以来,郑州银行始终坚持走特色化、 差异化的发展道路,并结合社会发展的需求, 专注小微领域,服务实体经济。而市场竞争力 和综合实力不断增强的背后, 是其强大的科技 实力。

聚焦 Focus

高端访谈

08 郑州银行金融科技攻坚之路

——访郑州银行副行长孙海刚

张留禄 叶纯青

专家视点

13 金融用户画像的法律规制研究

吴卫明 张 钰

研究 Research

信息化论坛

20 浅谈人工智能发展及其在金融领域的应用及对策 刘 松

23 基于非对称加密技术的数字货币存在的风险和挑战 高长军

27 欧盟GDPR强监管模式对我国金融业数据治理的启示

梁毅芳 吴 丹

技术应用

30 VMware vSphere虚拟化平台运维探索

盛建忠

35 政务数据在公司开户中提质增效的应用实践

李 勤 黄锦枝 彭少辉

39 基于客户关系管理系统的营销策略分析

吴贵康

45 基于MOT理论的智能客服研究及其技术实现

唐钉波 黄福顺

支付清算

49 支付结算工具在国库中的应用研究

刘素珍

52 非银行支付机构客户备付金业务检查工具的设计与实现

赖天武

实务 | Practice

运维管理

56 中小商业银行信息系统运行保障及监管的思考 黄磊 59 对基层央行机房基础设施运维管理工作的思考 成维锋 62 计算机机房负荷计算及设备选择 赵志斌

行业治理 64 基于区块链智能合约的信贷模式研究 姚林 66 县级人民银行信息安全管理规范化工作探究 吴 明 69 金融业机构信息管理实践与思索 袁 绪 71 县域银行机构信息科技管理中存在的问题及对策建议 ——以淮安市淮安区为例 蔡瑞 75 一体化机柜在县级支行机房标准化建设中的应用 王 洲 金云华 78 "放管服"银行账户配套改革案例分析 路学刚 任军远 张耀伟 82 风险控制技术化、流程管理信息化为金融服务外包保驾护航

视野 | Vision

86 探讨大数据在小微企业融资发展的应用

本刊点评

90 央行频频布局区块链行业等 本刊编辑部

科技通讯

92 央行: 加强普惠金融领域风险防范和管理等 本刊编辑部



近年来引起广泛关注的"大数据杀熟"现 象,与大数据分析技术中的用户画像有着密切的 关联。针对这一现状,文章结合个人信息保护方 面的法律法规,审视了用户画像的构建和使用,并 重点分析了精准营销、歧视性定价中的法律规制 问题。

广告索引

任立位

顾亦明

封二 康宁光通信中国

封三 厦门科华恒盛股份有限公司

封底 捷通智慧科技股份有限公司

德特威勒(苏州)电缆系统有限公司 内彩

内彩 北京中亦安图科技股份有限公司

内彩 广东欢联电子科技有限公司

内彩 中国移动通信集团湖南有限公司

CONTENTS

Top Interview

08 Financial Technology Tough Road of the Bank of Zhengzhou

—An interview with Sun Haigang, Vice President of the Bank of Zhengzhou

Zhang Liulu Ye Chunqing

Expert Viewpoint

13 Research on Laws and Regulations of Financial Customer Personas

Wu Weiming Zhang Yu

Information Forum

20 Brief Discussion about the Development of Artificial Intelligence and Its Application and Countermeasures in the Financial Field

Liu Song

23 Risks and Challenges of Digital Currency Based on Asymmetric Cryptography

Gao Changjun

27 Enlightenment of EU's GDPR Strong Supervision Model on Data Management of China's Financial Sector

Liang Yifang Wu Dan

Technical Application

30 VMware vSphere Virtualization Platform Operation and Maintenance Exploration

Sheng Jianzhong

35 Application and Practice of Government Data to Improve Quality and Efficiency in Corporate Account Opening

Li Qin Huang Jinzhi Peng Shaohui

39 Marketing Strategy Analysis Based on Customer Relationship Management System

Wu Guikang

45 Intelligent Customer Service Research Based on MOT Theory and Its Technology Realization

Tang Dingbo Huang Fushun

Payment and Settlement

49 Application Research of Payment Settlement Tool in the National Treasury

Liu Suzhen

52 Design and Implementation of Customer Provision Service Inspection Tools for Non-Bank Payment Institutions Lai Tianwu

Maintenance Management

56 Reflections on the Operational Security and Supervision of Information Systems in Small and Medium-sized Commercial Banks

Huang Lei

59 Thoughts on the Operation and Maintenance Management of the Infrastructure in the Computer Room of the Central Bank at the Primary Level

Cheng Weifeng

62 Load Calculation and Equipment Selection for the Computer Room

Zhao Zhibing

CONTENTS

Industry Governance

64 Research on Credit Model Based on Blockchain-based Smart Contracts

Yao Lin

66 Research on the Standardization Work of Information Security Management of the People's Bank at the County Level

Wu Ming

69 Practice and Thinking of Information Management in the Institutions of Financial Sector

Yuan Xu

71 Problems and Countermeasures in the Information Technology Management of County Banking Institutions
——Taking Huai'an District of Huai'an City as an Example

Cai Rui

75 Application of Integrated Cabinet in the Standardization Construction of Computer Room in the County-level Branch

Wang Zhou Jin Yunhua

78 Case Study on the Reform of Bank Account Support in "Simpler and Decentralized Administration, Strengthening Supervision, and Optimizing Services"

Lu Xuegang Ren Junyuan Zhang Yaowei

82 Risk Control Technicalization and Process Management Informationization to Protect Financial Service Outsourcing

Ren Liwei

86 Discussion of Application of Big Data in the Financing Development of Small and Micro Enterprises

Gu Yiming

Journal Review

90 Frequent Layout of Blockchain Industry by the Central Bank, etc.

Editorial Office

Technology Newsletter

92 Central Bank: Strengthening Risk Prevention and Management in the Inclusive Financial Sector, etc Editorial Office