"Analyzing Financial Complaints in the USA"

<Team & Roles>



TEAM 1

21800272 박상범 Data Pre-processing

21800697 조은성 Data Background Information

> 22000282 박예은 Data Analyzing

<Project Background>

Banks record 117% increase in customers' complaints

The complaints of customers to five banks rose by 117 per cent to 6,865,217 year-on-year as of June 2023 from 3,156,704 complaints as

https://punchng.com/banks-record-117-increase-in-customers-co.



andling complaints better can deliver financial rewards

Applying a CX lens to managing complaints means transforming from a compliance focus to a customer-centric approach.

https://www.bai.org/banking-strategies/handling-complaints-bett



Poor customer service is a grave concern

Just a couple of days back, the Reserve Bank of India (RBI) hit major headlines; not for any policy rate cut but for showing its concern over 6(https://www.greaterkashmir.com/todays-paper/editorial-page/poor...



"The complaints are unverified and often mislabeled and financial institutions have no effective opportunity to respond with the other side of the story," said Nessa Feddis, a senior vice president at the American Bankers Association.

Corporate Perspective

U.S. financial companies face daily challenges in addressing a high volume of customer complaints due to limited resources.

Government Perspective

Customized state-specific financial policies are needed, but government requires information on citizen preferences and acknowledges regional policy variations.

<Project Goal>





Corporate Perspective

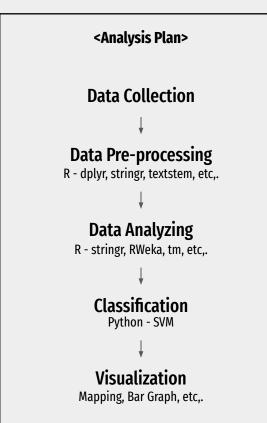
- Identify complaint-prone areas through Text
 Quantification, TF-IDF, Topic Modeling, and Sentiment
 Analysis to improve the bank's services and assess
 complaint severity.
- Automate complaint resolution using SVM classification.

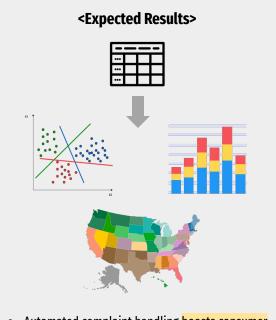
Government Perspective

- Analyze data by grouping it on a state-by-state basis using TF-IDF, Topic Modeling, and Sentiment Analysis to identify key financial issues and sentiments.
- Provide policy insights with reports, and visualizing high-frequency words or services for each state.

"Analyzing Financial Complaints in the USA"







- Automated complaint handling boosts consumer trust and loyalty.
- Enhanced bank reliability prevents consumer withdrawals and decreases bankruptcy risk.
- Weekly financial complaint analysis supports policy updates.