Data analytics to improve the selection of taxpayers' risk

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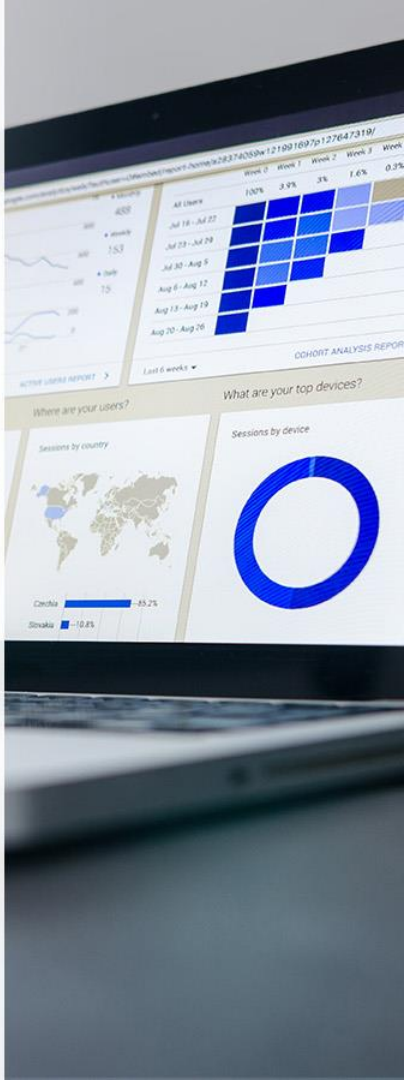
Agenda

- TRD’s pain points
- Prospect to enhance the case selection
- Data Analytics implementation
- Selecting the risk taxpayers



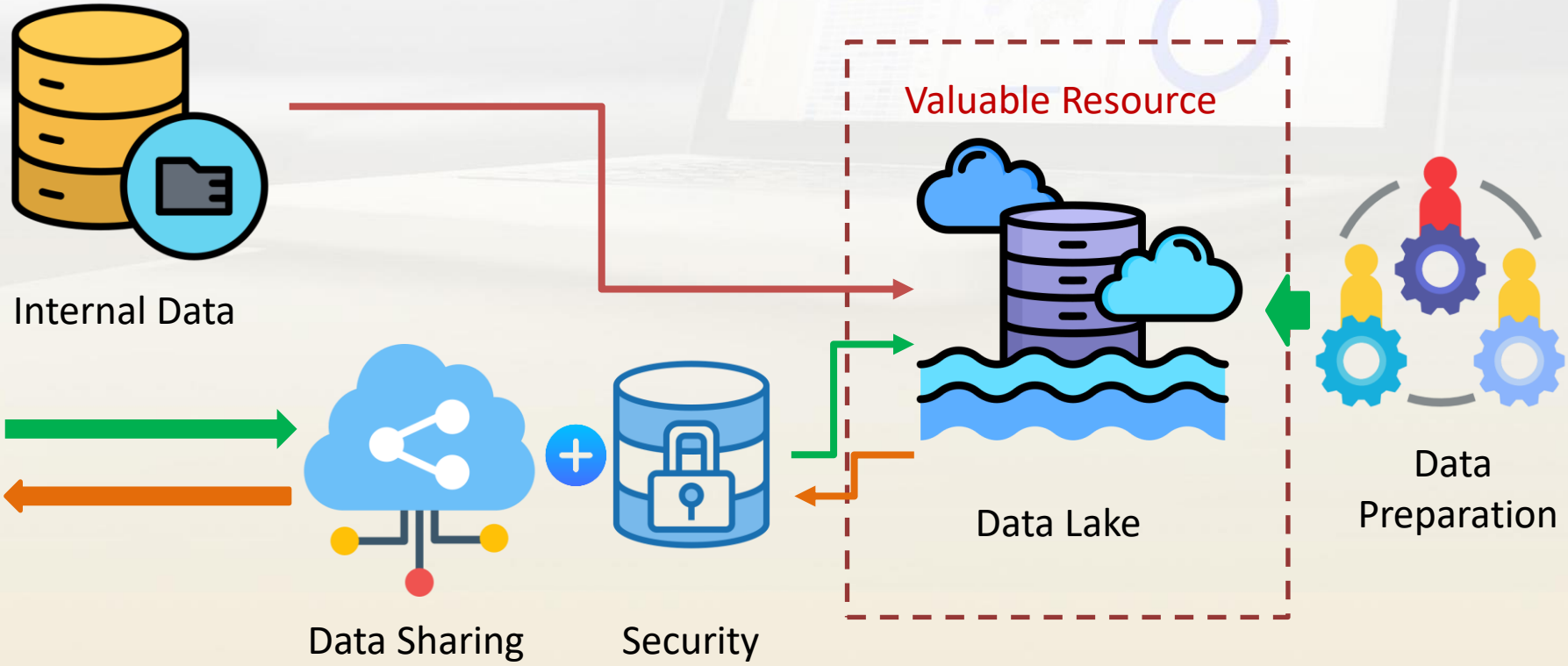
TRD’s pain points

- Self-assessment
- Various Database
- Audit case by audit experience
- No Data linkage between government agencies
- Lack of Data Analytics Technique

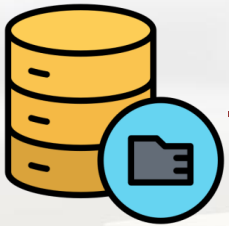
Prospect to enhance the case selection

- Government policy: Data-Driven Organization
- Big Data Campaign & Data Sharing
- Data Analytics tools' support
- Compelling the Financial Bank to submit the data of deposit transaction
- Contribution of data team: Data Engineer, Data Scientist

Prospect to enhance the case selection

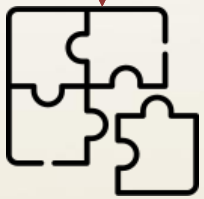


Data Analytics implementation



Internal Data

- Tax Return Filing
- Withholding Tax Info
- VAT Return
- Tax Audit History



Data Matching

External Data

- Bank Account Deposit
- e-Market Platform
- e-Commerce Registration
- Government Contract

Data Analytics

- Data Team
- Business Team

Key factor: National Identification (NID)

Selecting the risk taxpayers

Risk Taxpayers

Data Analytics

- Non-filer
- Filing lower than income
- Reaching the VAT threshold

Audit tool Selection

1

Notification letter

- Review & Filing

2

Tax Advice

- Additional Filing

3

Tax Audit Summons

- Tax assessment

thank
you