



New Credit Risk Management Framework

Speaker(s)

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Credit Risk Management - Current Paradigms

Corporate



Historical

Ratio Analysis

LGD/PD



Market

Credit Spread

KMVsque



DECIMAL POINT Innovative Research Solutions

Retail



Rule based approval based on basic financials

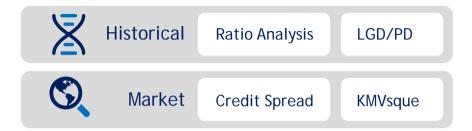


Credit Risk - The Real Factors



The Decoherence in Framework and Reality

Corporate

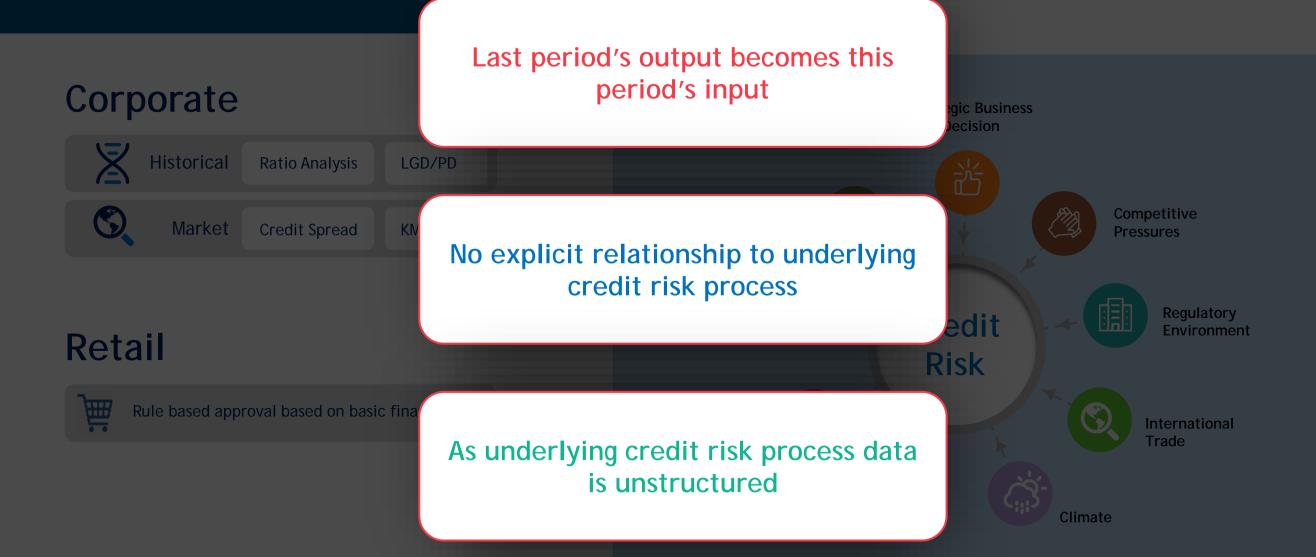


Retail

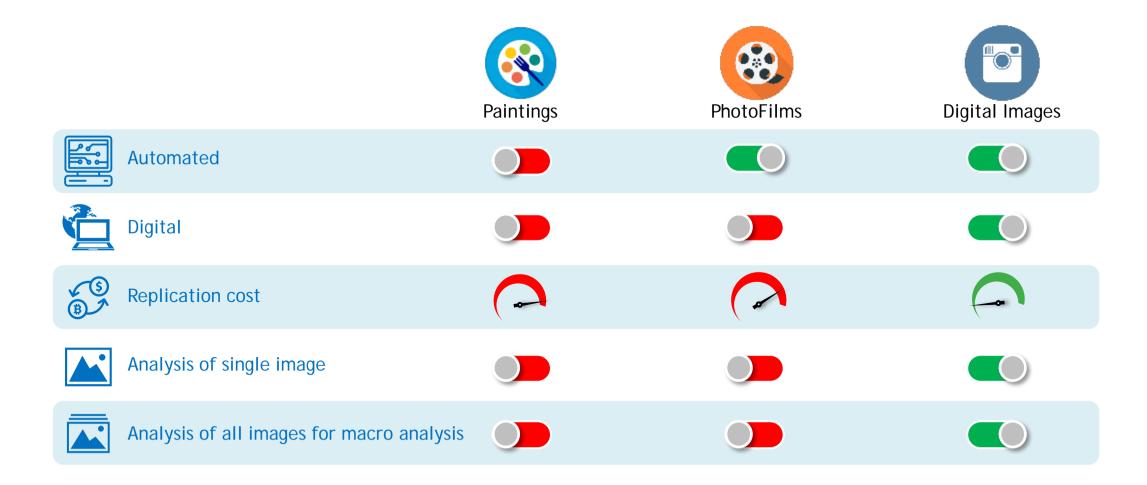




The Decoherence in Framework and Reality



The Revolution - Explained in a Framework







The New Risk Management Framework -

Emerging Only Now







The New Risk Management Framework -

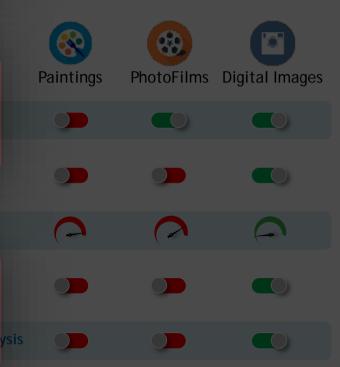
Emerging Only Now

Now structure can be generated from unstructured data



Hence it is possible to build credit models directly from reality

New Paradigm is hard work, but will come into play in one decade



Synergistic Risk Management Framework - Some Components

HMERICA



 Use machine learning based sentiment analysis of free flowing text and unstructured data to form unified, quantifiable view of commodity supply chain

CreditPulse

- Use text of quarterly and annual filing to draw conclusions on credit risk of companies using deep learning
- A new paradigm of corporate credit risk scoring based on text

ImagePulse

- Apply deep learning to photographs of households to estimate income for the household
- A new way of retail credit risk assessment to assist in financial inclusion with verifiable risk assessment



- Automated news gathering from deep web and sentiment analysis using machine learning
- Clients get upto 12x more news appropriate to the business risk on hand – for example assessing the business risk of tenants in a mall in a town

Decimal Point will, over time, as a pioneer, build unified credit risk framework directly from reality. It will change the way credit risk is understood across the world.







THANK YOU

Date or any extra text highlight