

# Info-Drive Credit & Market Risk Management Services



## Credit Risk Management Services

Info-drive provides Credit Risk Management consulting services in the following areas

### Credit Scoring

Credit scoring involves grading a customer according to credit worthiness

- Customer's chance of defaulting (PD)
- Scoring customers depending on chances of them defaulting
- Creating Behavioral Scorecards

### Credit Risk Measurement

Computation of risk measures for the bank's on and off-balance sheet assets

- Value at risk (VaR) (Parametric & simulation)
- Expected Shortfall (ES)
- Basel II guide lined Credit risk computations
  - \* Capital charge and Risk Weighted assets
  - \* Economic capital

### Exposure & Loss Modeling

- Loss given default (LGD)
- Exposure at default (EAD)

## Market Risk Management Services

Info-drive provides Market Risk Management consulting services in the following areas

### Pricing of various market instruments

Pricing of various instruments and contracts

- Bonds
- Treasury bills
- Futures and Forwards
- Options and other derivatives

### Trading Risk measurement

Computation of risk measures for the trading portfolio

- Value at risk (VaR) (Parametric & simulation)
- Expected Shortfall (ES)
- Risk factor sensitivity
- Basel II guide lined Market risk computations
- Capital charge
- Economic capital

### Banking Book Interest Rate Risk

Computation of risk measures for the following

- Basis Risk
- Maturity risk
- Yield curve risk
- Options risk

Banking book Interest rate risk assessments:

- Earnings Measure
  - \* Gap analysis & net interest income
- Economic Value Measure
  - \* Duration & convexity
  - \* VaR

### Asset Liability Management and FTP

#### Liquidity Risk management

- Traditional Liquidity mismatch and Gap analysis
- VaR incorporating liquidity risk factor
- Liquidity scenario analysis

#### Funds Transfer pricing

- Base rate spread computation
- Net Interest Margin
- Cash flow projections for different spreads
- Economic value and profitability analysis