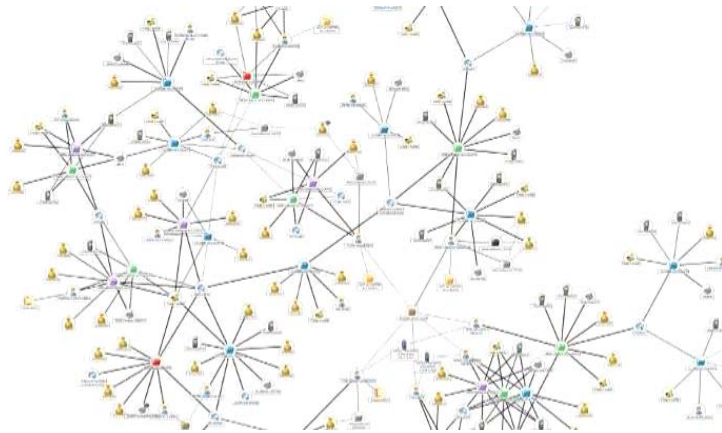


# Detica NetReveal<sup>®</sup>

DISCOVER HIDDEN NETWORKS



## Detica NetReveal<sup>®</sup>

Presented by Vishal Marria  
The emerging fraud landscape

11 March 2010

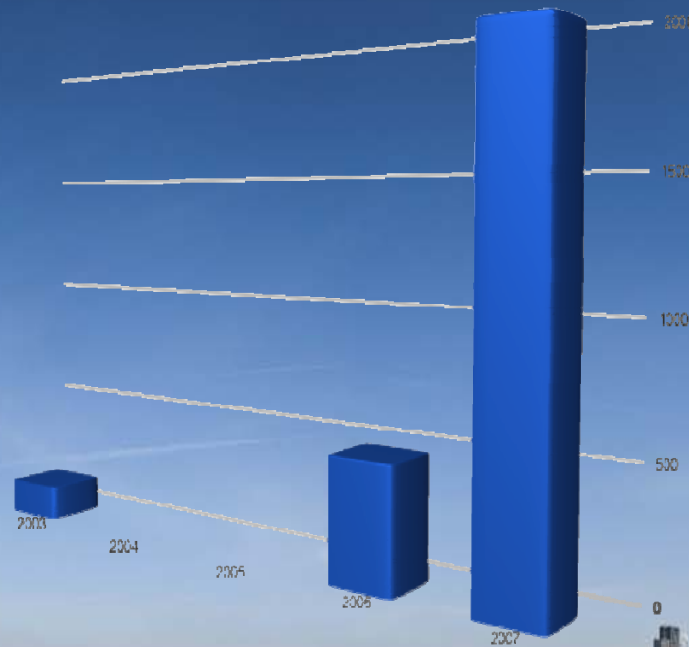


# Fraud is it getting worse?

**11% of total worldwide premiums of income is fraud**

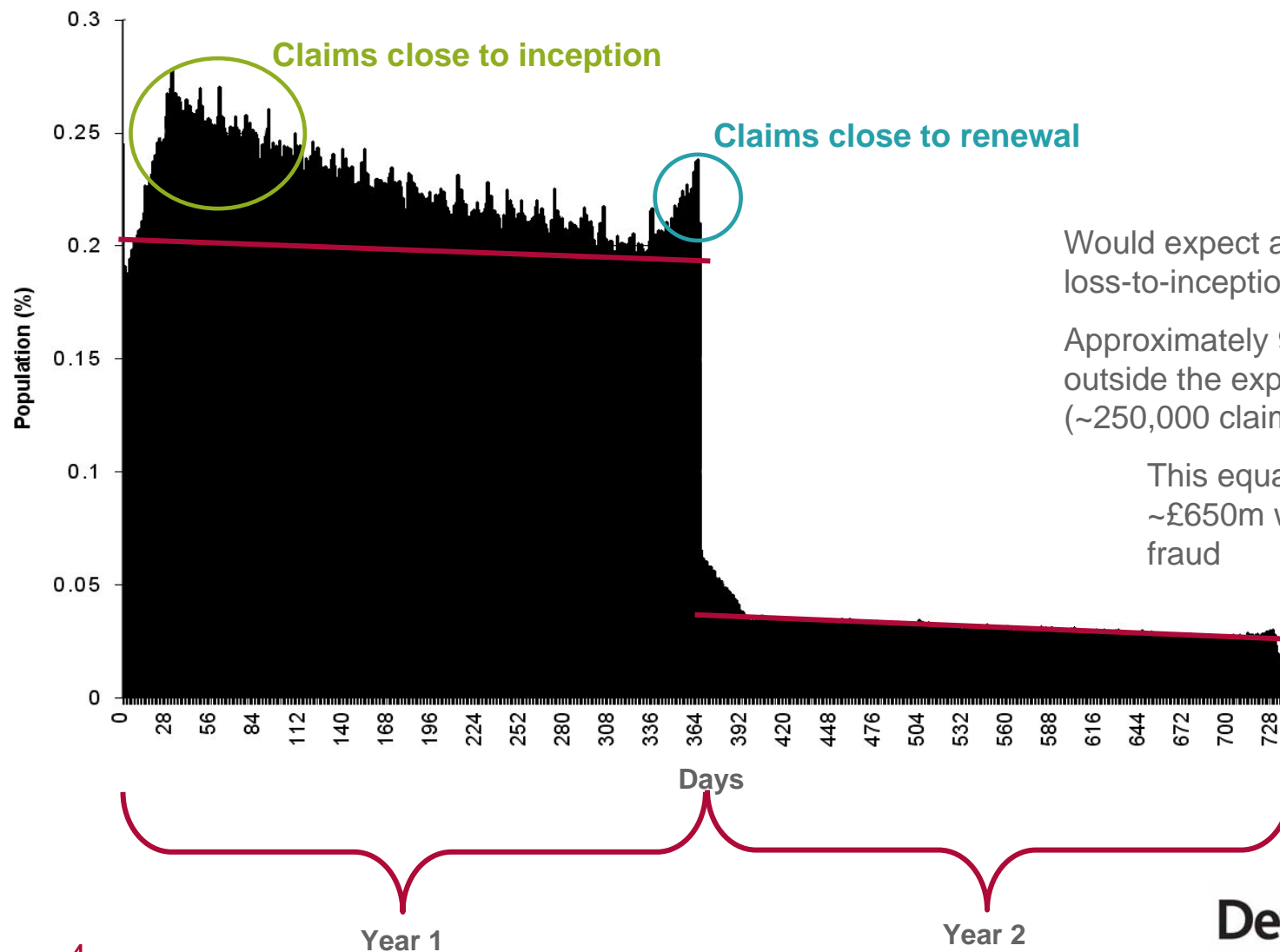
Source: ABI, UK Insurance – Key Facts; September 2008

Million of £



Source: ABI

# What can the data tell us?



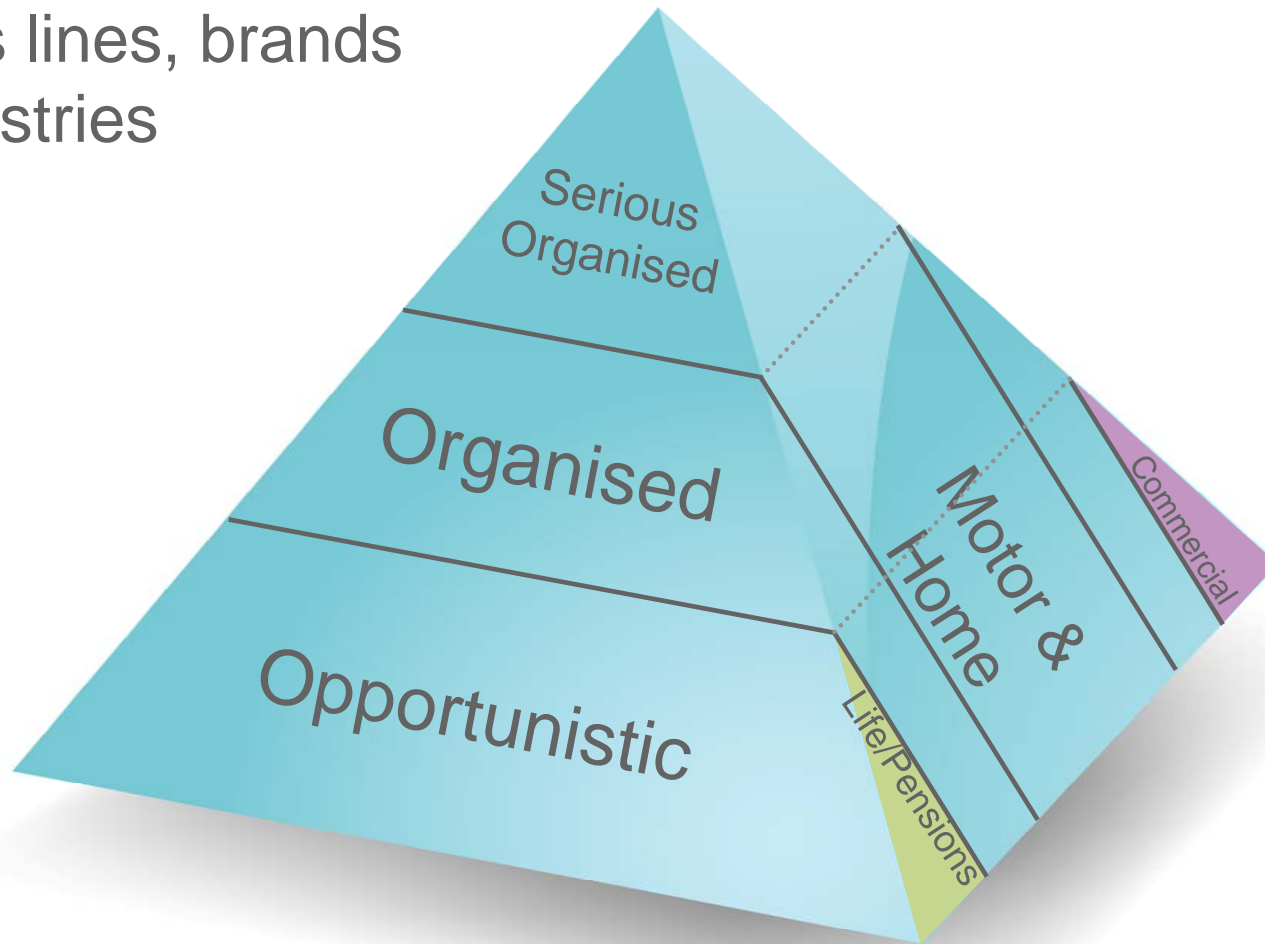
Would expect a relatively flat profile for loss-to-inception

Approximately 9% of claims were outside the expected trend line (~250,000 claims per year)

This equates to a potential loss of ~£650m within the industry to fraud

# Are we tackling the right problem?

**Trends** - crossing  
business lines, brands  
and industries



# Are we tackling the right problem?

**Trends** - crossing  
business lines, brands  
and industries



What are we looking for?

**the more you look  
the more you find**



# Is 'number crunching' the answer?

$$\frac{n(n-1)}{2} = \frac{195,000,000*(195,000,000-1)}{2}$$
$$= 19,012,499,902,500,000$$

**631 years of computation**



# Everyone leaves a footprint



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# How can we see through the noise?

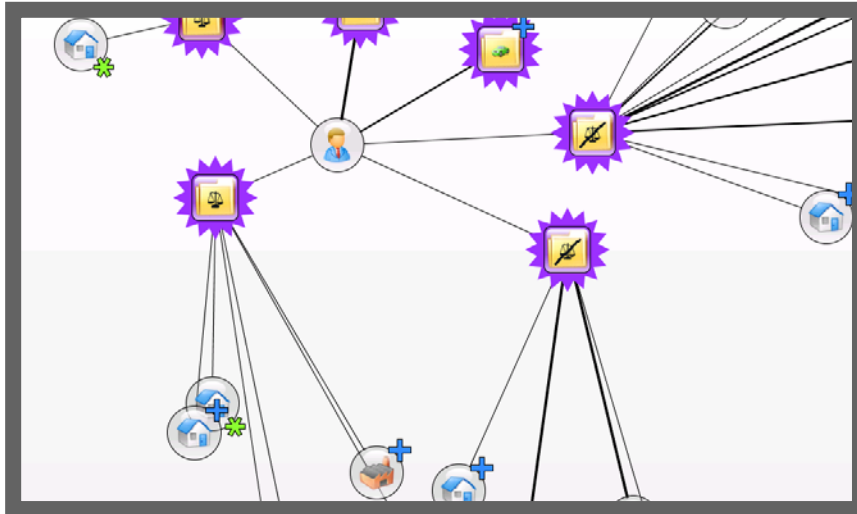
- Similar names
- Bank Accounts
- Credit cards
- Phone number
- Addresses
- Similar claims
- Roles
- Timing
- Car licence
- Stolen goods
- Lived in the same street
- Have the same employer



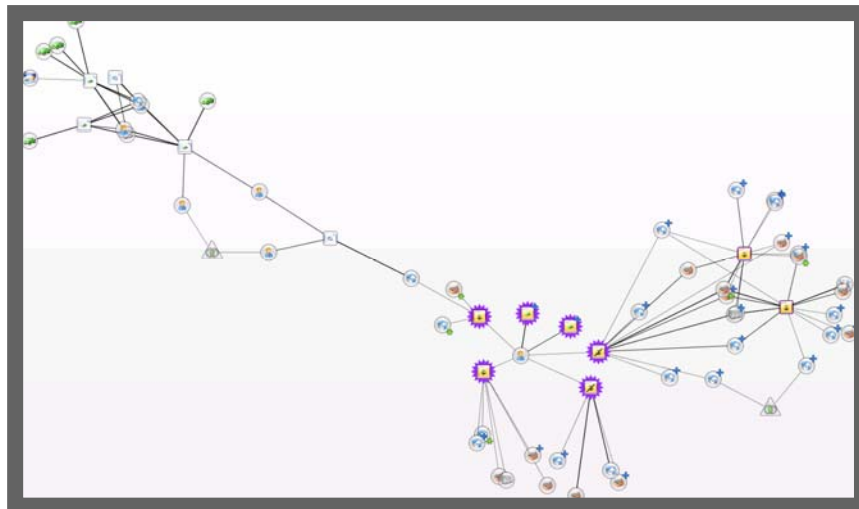
The answer is in your data



# Jan has a large number of accidents... Claims across multiple lines of business



- In less than 6 months Jan makes **six separate claims** across six different policies
- Claims included
  - A personal motor claim (TP fault)
  - Two property liability claims involving leaks from flats above
  - A liability claim involving a chipped tooth
  - A liability claim for a chipped tooth at a restaurant
  - A liability claim from tripping down stairs, allegedly resulting in concussion and a coma
  - Three months later, another personal motor claim



# Summary

- The fraud problem is significant
- Trends are showing fraud evolving and worsening, spread across all product lines
- But, it can be tackled...

The answer is in your data

# Further Information

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