

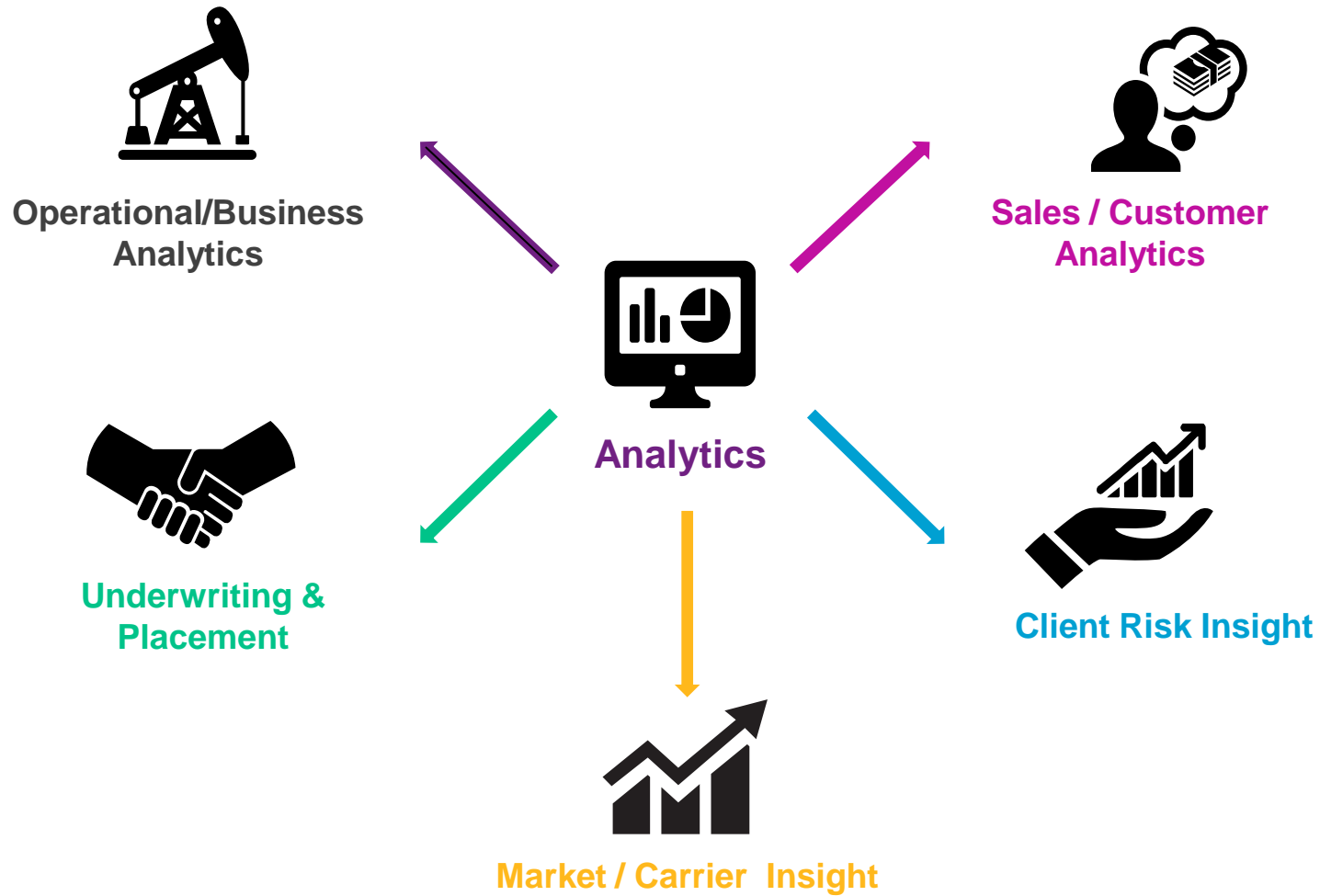
Geo-Risk Insurance Seminar

Nigel Davis

March 2018



Analytics in Insurance



GIS Software Trends

Location Intelligence

Analytics & BI Platforms

- Microsoft Power BI
- Qlik
- Tableau
- Tibco Spotfire

Traditional GIS / Location Intelligence

- ESRI
- Pitney Bowes
- Trimble
- Carta

Trends

- Incorporating light-weight GI
- Natural Language Processing
- Advanced Analytics / Insight
- **Integrations with GI vendors**

Trends:

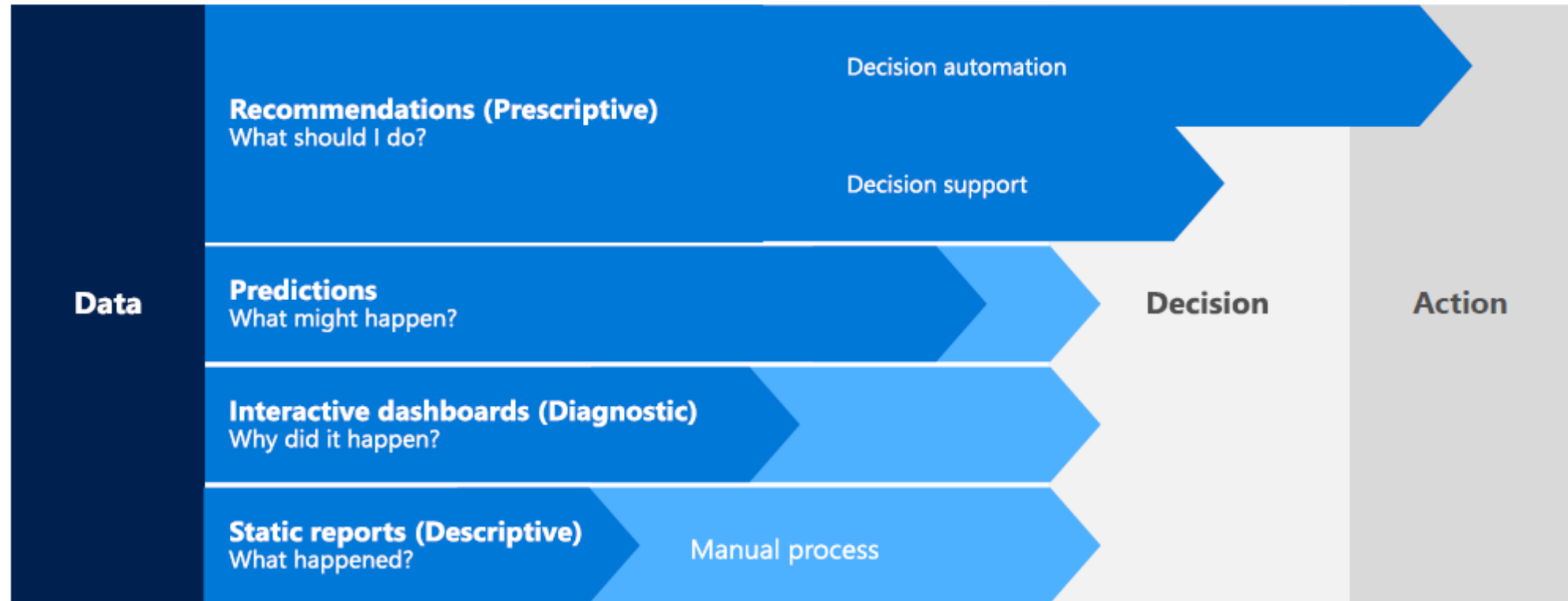
- Incorporating traditional BI
- Cloud & web technology adoption
- Business user-friendly
- **Integrations with BI vendors**

GI vendors used by mid-sized and large companies set to grow
from 9% to 36% by 2021

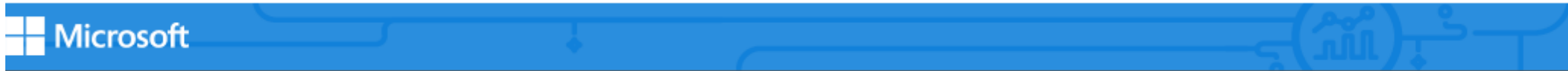
(source = Gartner)

Analytics & AI

From data to decisions and actions



Value →



Analytics & AI

Augmented Data Discovery and Analysis



- Citizen data scientist explores autogenerated models
- End-user or application-augmented
- Autogenerated models and insights
- NLP/NLQ exploration
- NLG narration

Augmented Data Science and Machine Learning



- Specialist data scientist builds and customizes models
- Embedded
- Assisted model building and customization, tuning, life cycle management

**Collaboration Is Key —
Convergence Will Increase Over Time**

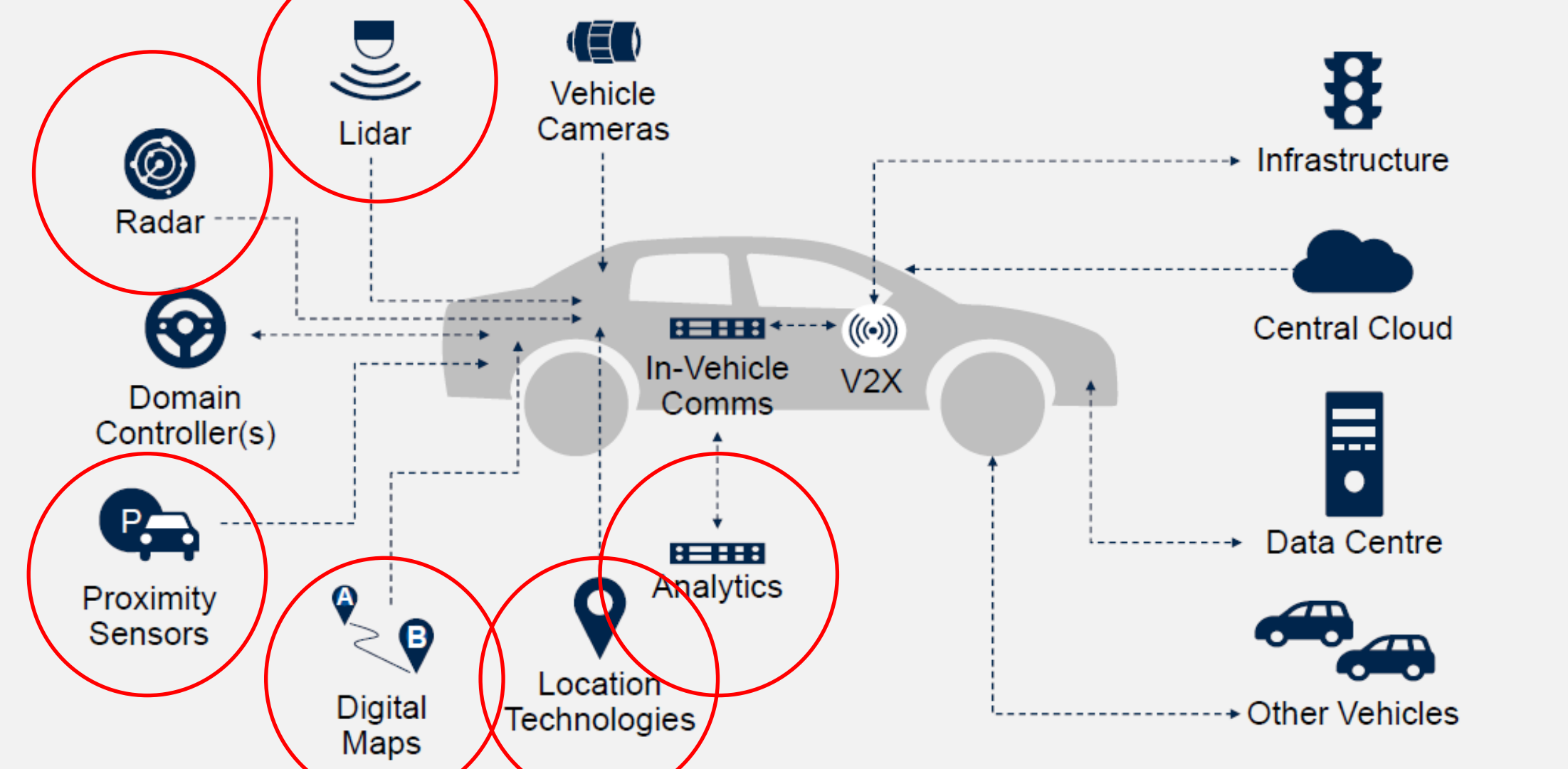
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NLG = natural-language generation; NLP = natural-language processing; NLQ = natural-language query

The Advance of Machine Intelligence



Embedded Location Intelligence



Industry Ecosystems

