

# “The Data → End-User Point of View”



Rodnan Garcia. Manager of Energy Economics Research, Repsol



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**Session 3: Benefits of the JODI Cooperation  
Mechanism across the Energy Data Supply Chain**

Cairo, 20 October 2019

*The views and opinions expressed in this presentation are those of Rodnan Garcia and do not necessarily reflect the official policy or position of Repsol.*

# The Data → End-User Point of View

## How do we use Energy Data?



*Energy Company*

# The Data → End-User Point of View

How do we use Energy Data?

*Energy Company → Economic Research Department → Support to decision makers*

# The Data → End-User Point of View

How do we use Energy Data?

**DATA**



*Energy Company → Economic Research Department → Support to decision makers*

# The Data → End-User Point of View

How do we use Energy Data?

Information



DATA



*Energy Company → Economic Research Department → Support to decision makers*

# The Data → End-User Point of View

How do we use Energy Data?

Insight



Information



**DATA**



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# The Data → End-User Point of View

How do we use Energy Data?

Foresight



Insight



Information



**DATA**

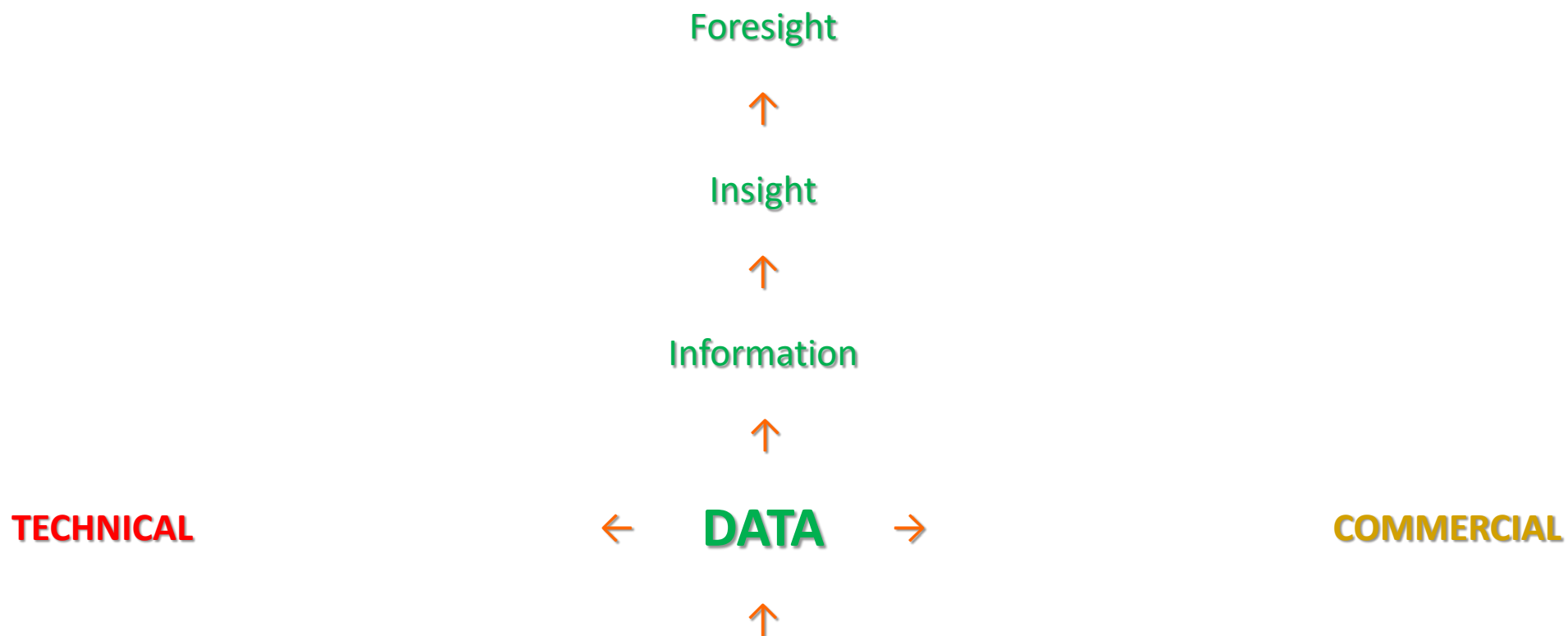


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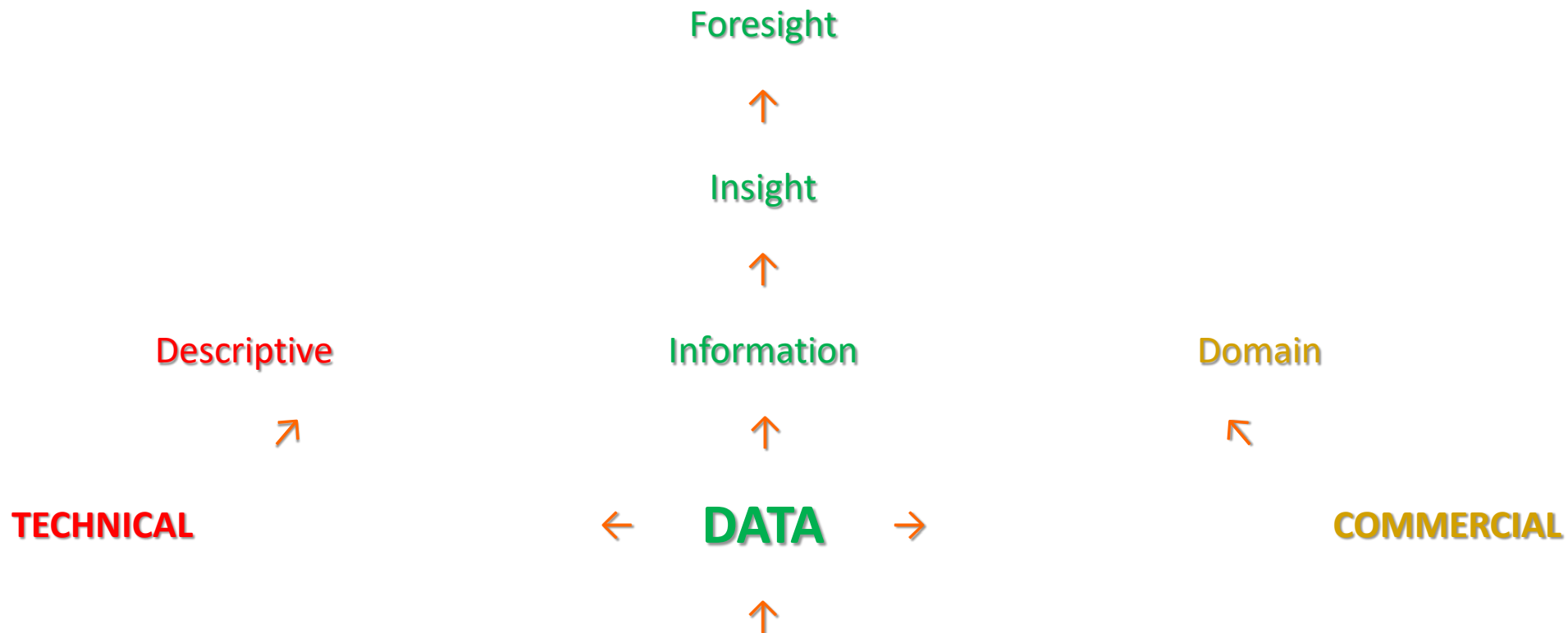
How do we use Energy Data?



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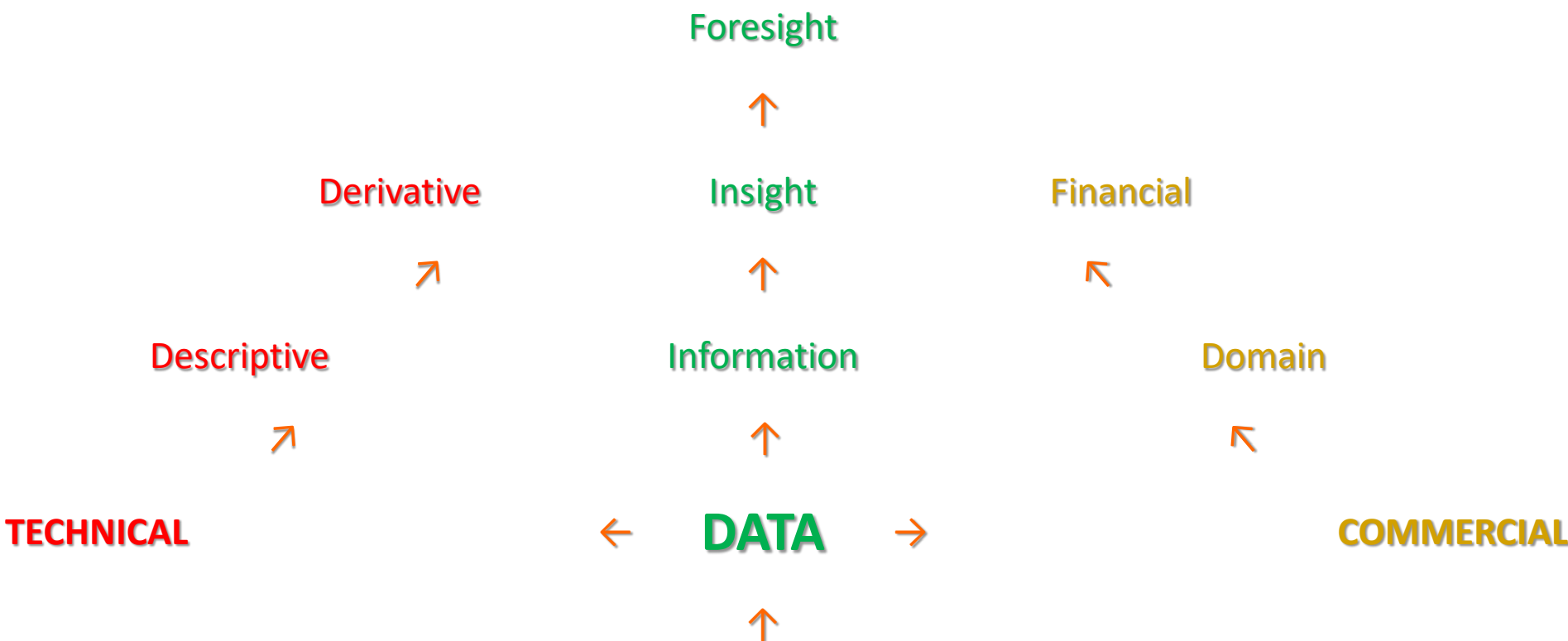
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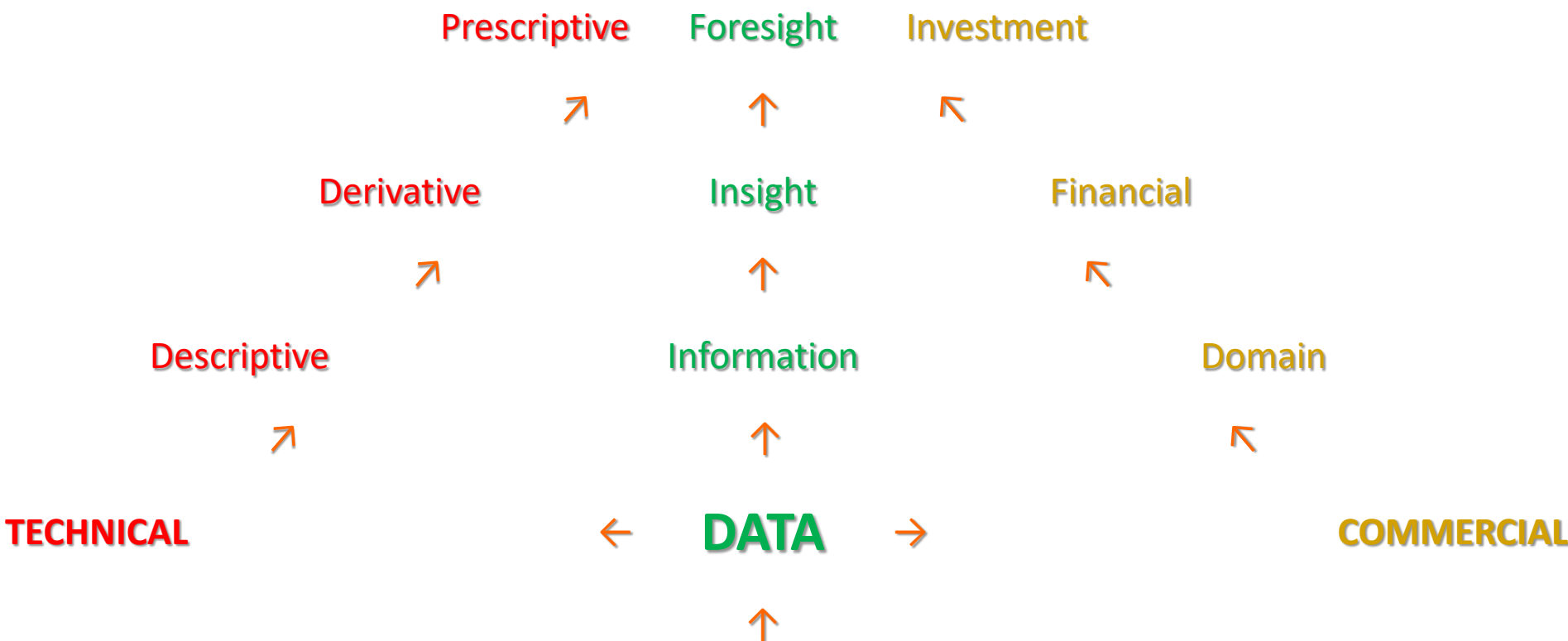
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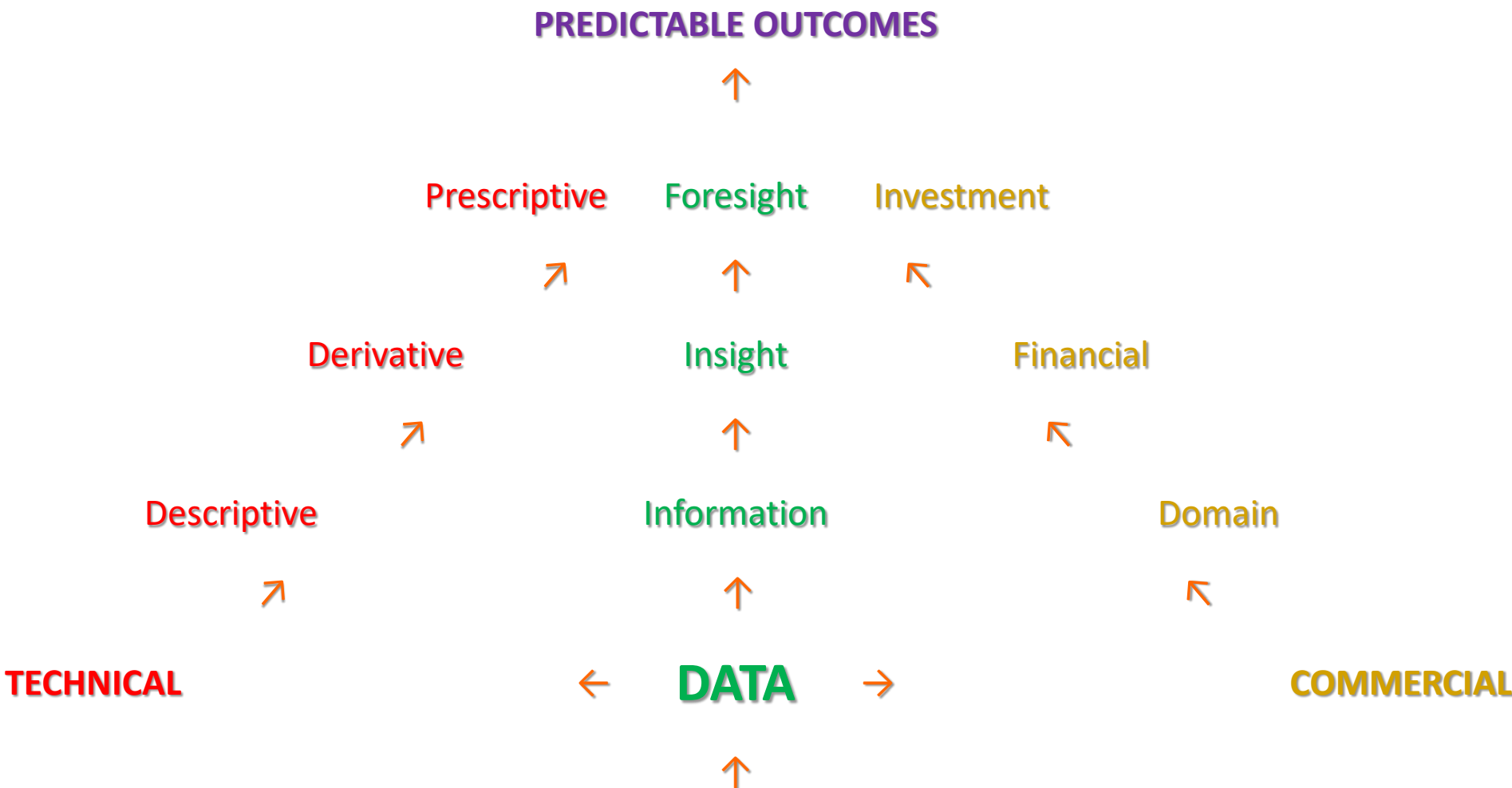
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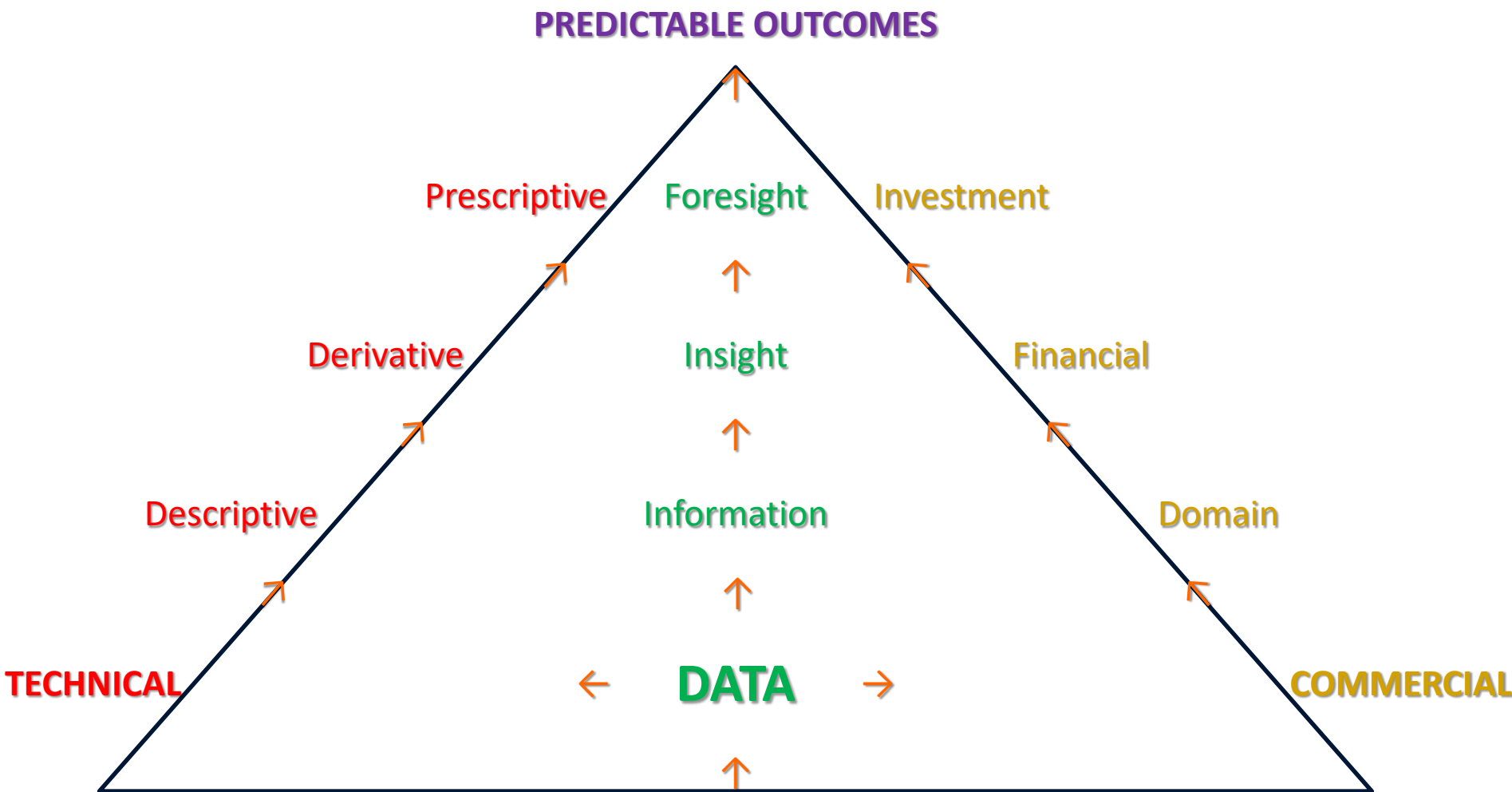
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**Accomplishments:** Rightful steps towards objectives  
“Timeliness, accuracy and completeness”

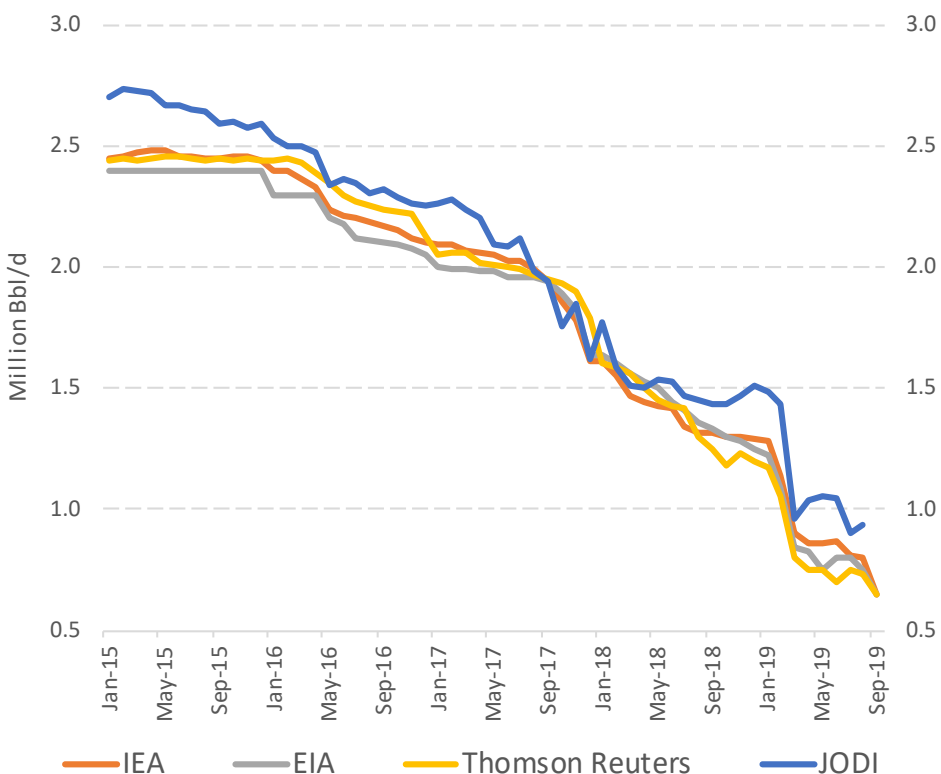
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### Venezuela Crude Oil Production



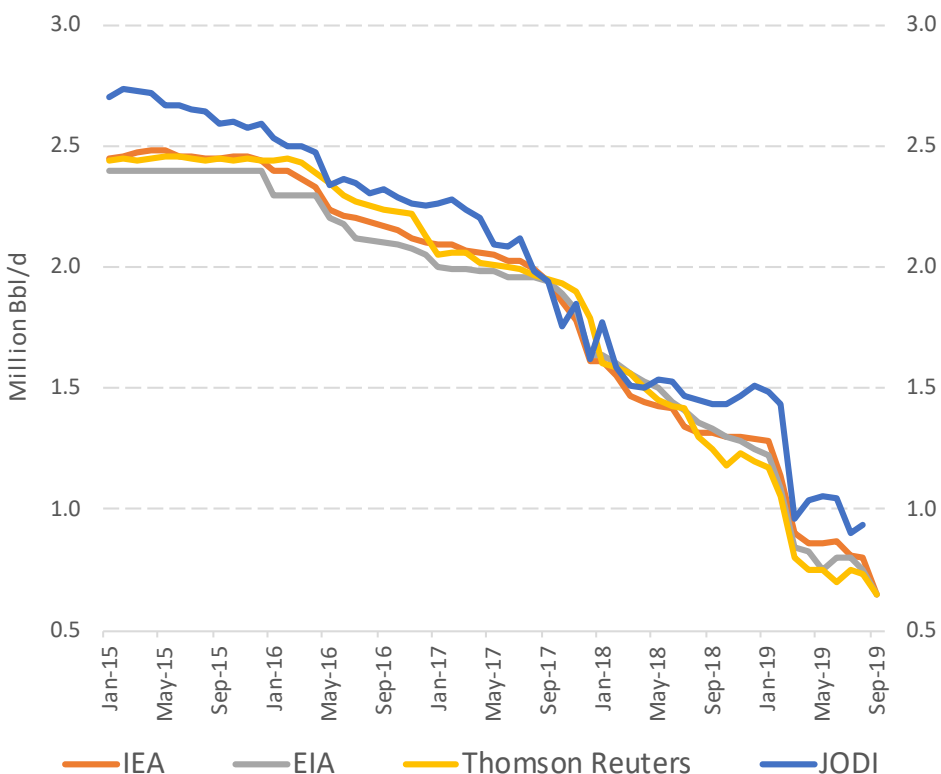


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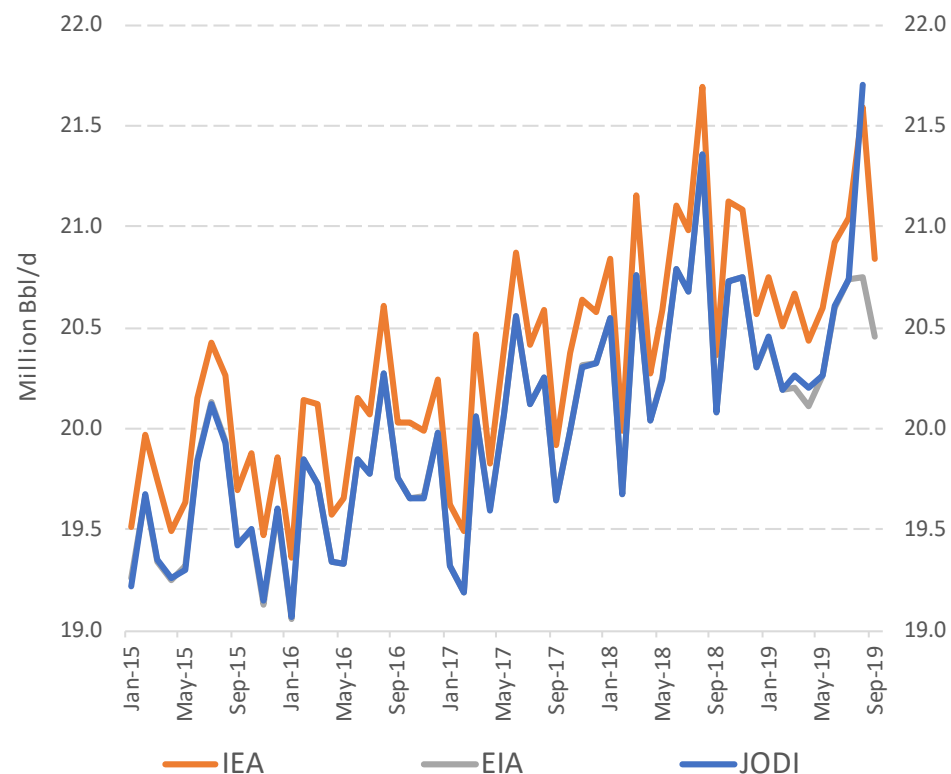
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## USA Petroleum Consumption



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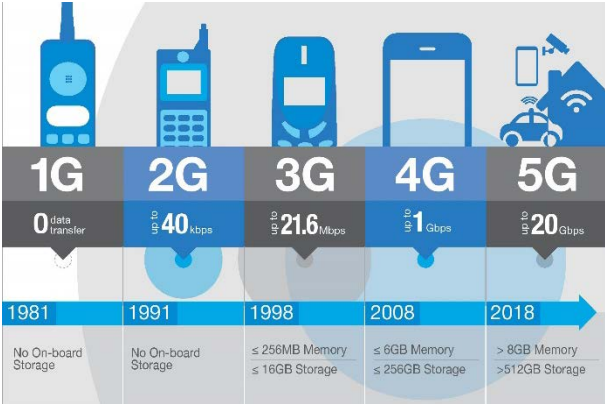
The impact of digital revolution on our way to work with Data

**We have to be prepare to meet future data-user's expectations:**

- **Who?** More than 75% of labor force will be millennials in 2025.
- **How?** 41% of employees declare to spend more time working out of their desk than 2 years ago.
- **Things are changing?** Almost 90% of executives believe digitalization will affect their sectors.

# The Data → End-User Point of View

How would I like the future of Energy Data?



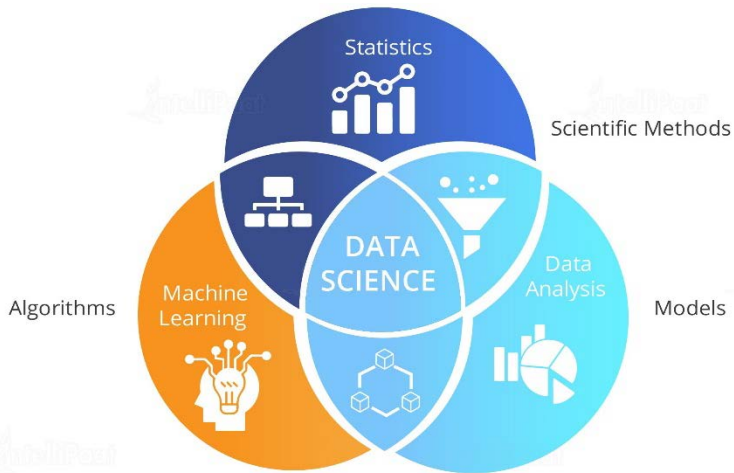
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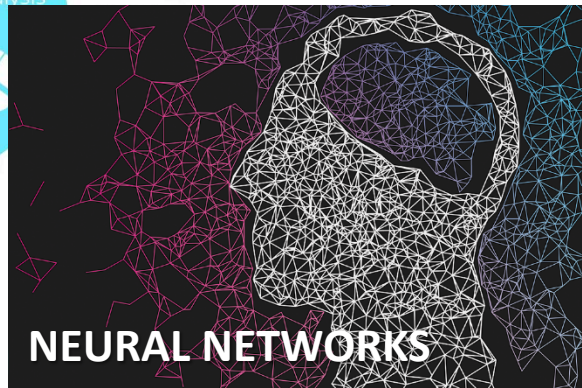
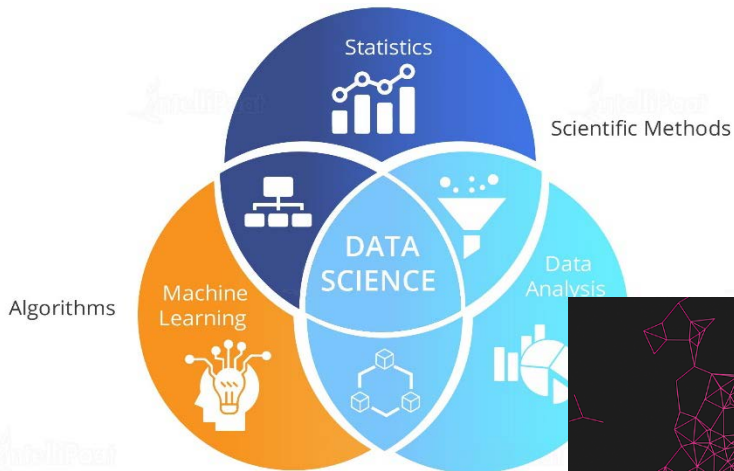
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1G	2G	3G	4G	5G
0 data transfer	up to 40 kbps	up to 21.6 Mbps	up to 1 Gbps	up to 20 Gbps
1981	1991	1998	2008	2018
No On-board Storage	No On-board Storage	≤ 256MB Memory ≤ 16GB Storage	≤ 6GB Memory ≤ 256GB Storage	> 8GB Memory > 512GB Storage

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