Internet of (Wind)Turbines >>> Erfolgreiche Daten und Analytics Projekte @EnBW

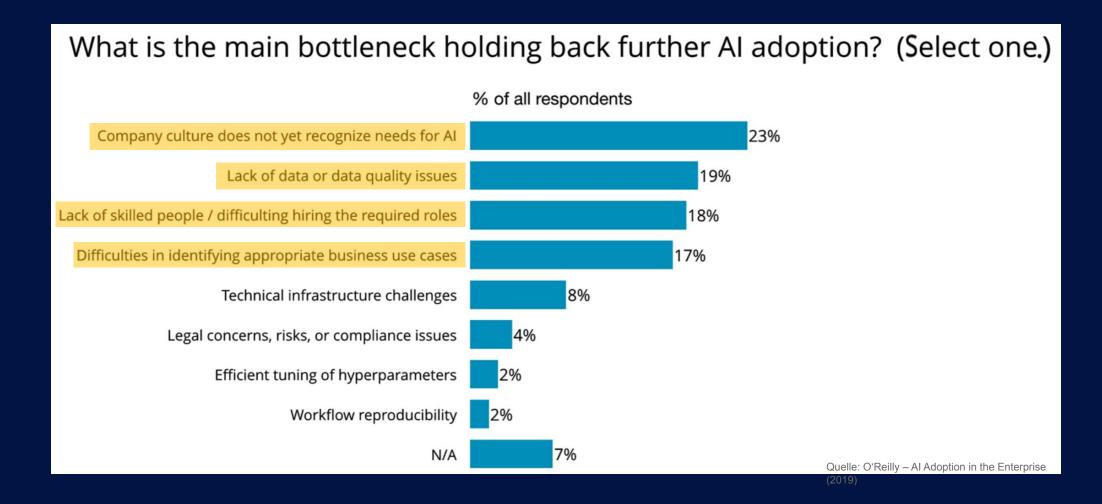


Dr. Frank Säuberlich Chief Data Officer, EnBW





What was holding us back from scaling analytics? ——EnBW



Lack of a DATA-CULTURE



$$f(t) = a_0 + \sum_{n=1}^{\infty} \left[a_n \cdot cos\left(\frac{n\pi t}{L}\right) + b_n \cdot sin\left(\frac{n\pi t}{L}\right) \right]$$

Internal Marketing raises awareness and

$$= a_0 + a_n \cdot \cos\left(\frac{\pi \, k}{L}\right) + b_n \cdot \sin\left(\frac{\pi \, k}{L}\right) + a$$
 Training of "Al/Analytics Ambassadors" raises enthusiasm

$$a_0 = \frac{1}{2C} \int_{-L}^{L} f(t) dt = \frac{1}{2} \int_{-L}^{L} f(t) dt$$
 Training of decision makers raises awareness

"By 2020, 50% of organizations will lack sufficient" Intense support and training on the job leads to Al and data literacy skills to achieve business

missing DATA and low DATA QUALITY

Our Experience

Critical success factor for Analytics is DATA

Mindset "Data = Asset" need to be developed

Data integration skills/technology should be provided centrally

Data Governance has to fit to the organisation

"It's not who has the best algorithm who wins, it's who has the most data."

Andrew Ng



Difficulties to IDENTIFY valuable USE CASES



Our Experience

To find any Analytics Cases is easy

To find valuable Analytics Cases is much more difficult

"Decision Making is a Science"

Development of an Analytics Strategy helps to focus

expert "Just because you can do something, doesn't mean it's a good use of anyone's time"







Vielen Dank für Ihre Aufmerksamkeit!

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