

“Day in the life of a” lecture

19-9-23

- Day in life as a **Data scientist**
- John Atherfold

Introduction:

John Atherfold

BSc Mechanical Engineering

MSc computer science

DataBased Solutions – est-2023

How everything works:

Process input -> production process -> sensor data -> historian -OPC-> data preprocessing -> predictive control -> advanced visualization -OPC-> HMI -> Operator

Communication of value

- . organizational goals
- Decision making support
- Measuring impact
- Risk Mitigation
- Resource Allocation
- Clear Data Storytelling

Future Trends

- AI and ML
- Explainable AI
- Ethical and Responsible AI
- Edge Computing, IoT
- LLM's (Large Language Models)
- Interdisciplinary Collaboration
- Data Storytelling

