Sezione Package
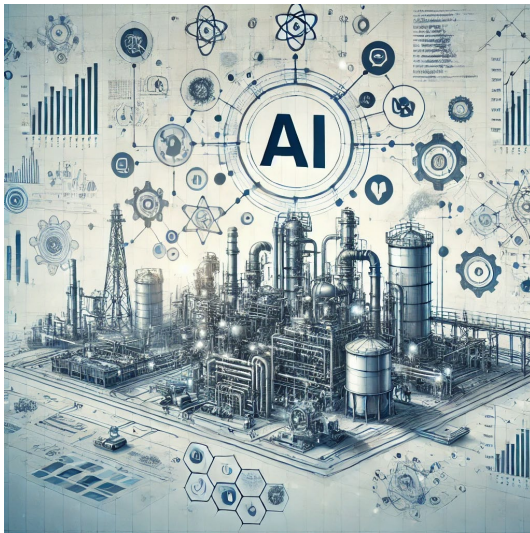
AI Experiences & Perspectives
15th July 2024
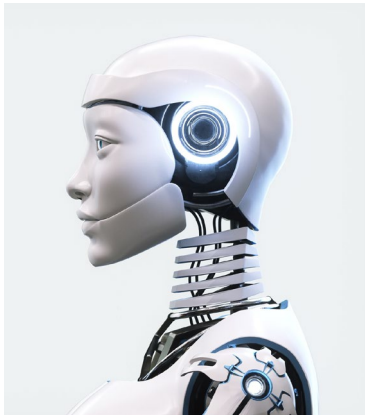
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Agenda

1. Introduction

2. Objectives

3. Context

4. Current Status

5. AI Opportunities

6. Uncertainties & Concerns

7. Future Roadmap

8. Discussion.

0. Disclaimers

1. **Confidentiality Disclaimer.** This presentation contains confidential information intended solely for the recipient. Unauthorized distribution, reproduction, or disclosure of the contents is prohibited.
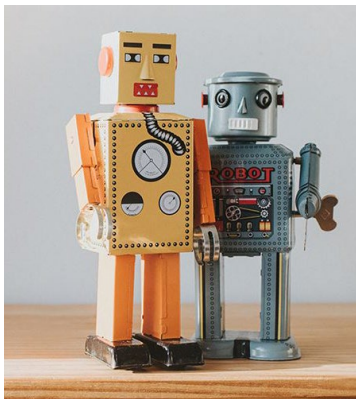
2. **Journey Disclaimer.**

1. Introduction

This presentation outlines our initiatives related to AI and how we are exploring the associated opportunities.

2. Objectivies

1. Encourage Inter-Company dialogue & Collaboration.

2. Share Best Practices and Lessons Learned.

3. Evaluate Training Opportunities (workshops, working groups, etc.).

ANIMP

Serie di webinar Sezione ANIMP-DIM (Digital & Innovation Management)
IA per l'Impiantistica

18/07/2024 | h. 16:00

Alfabetizzazione sull'intelligenza artificiale

3. Context

1. As an **Engineering** Co. our focus is not on typical AI applications such as production automation, marketing applications, customer profiling.
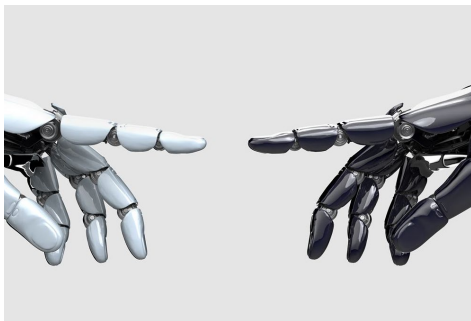
2. As a **small-medium** enterprise, we operate with limited resources.

3. Our main focus lies in operational efficiency and cost reduction through AI.

4.1 Current Status

1. We have not yet started any AI projects at an operational level.

2. We have developed an internal company Policy to regulate the responsible and safe use of AI within our organization.

3. Internal training has been conducted to stimulate interest and promote informed experimentation.

4. We have organized initiatives to develop an "AI culture" within the Company.

5. We are conducting internal experiments with various AI tools.

6. We are assessing if, when, how, to start with implementation of AI.

4.2 Current Status

Key Initiatives:

1. Internal Evaluation Panels.

2. Collaboration & Expertise.

5.1 AI Opportunities

Our initiatives primarily focus on Opportunities that impact the following key Company's goals:

1. Cost reductions to enhance profit margins.

2. Improve **Execution Speed** to boost Customer satisfaction.

3. Free **"High-Value"** Internal hours.

5.2 AI Opportunities

We have identified 50+ potential Opportunities, ranging from simple to complex.

Categorization:

1. Standard. Generic applications that support routine activities (Task-level).

2. Important. Provide significant contributions to crucial activities, impacting one or two business aspects (Process-level).
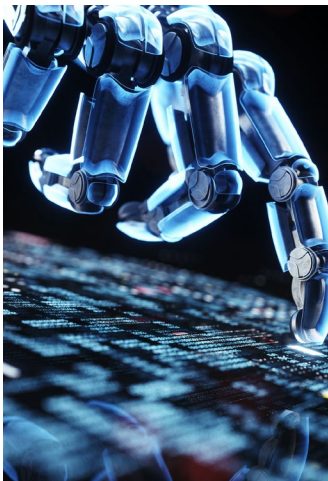
3. Critical. To "free" high-value internal hours.

5.3 AI Opportunities

Few Examples:

1. Support on Expediting.

3. Generation of Reports, DS, ML.

2. Preparation of Docs for Inspect. & Tests.

4. Generation of Instr. & IO List from P&ID.

5. Piping Engineering.

6. From RfQ to DS for Enquiry.

7. Mechanical Drawings Review.

6.1 Uncertainties & Concerns

1. **Data Security** (protection of sensitive information, compliance with all relevant regulations, etc.).

2. **Cloud**.

3. AI **Hallucinations** & Temperature.

4. **Vertical or Horizontal**.

5. Available **Data**.

6. **Scalability**.
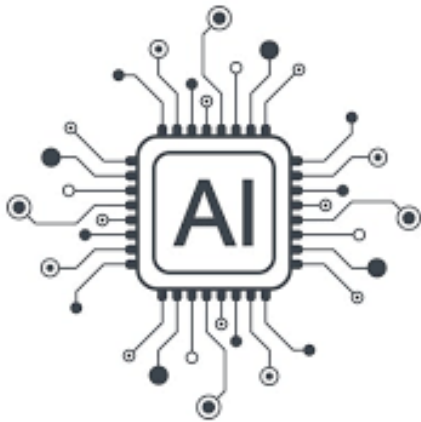
7. **Make or Buy.**

6.2 Uncertainties & Concerns

Concerns on "Off-the-Shelf" Solutions:

1. May not perfectly fit specific needs.

2. Lack of control over functionalities.

3. Guarantees of compliance and security.

4. Licensing costs.

5. Limitations on innovation.

6. Risk of vendor dependency.

7. Future Roadmap

1. Identify and select the first "**quick win**" project, evaluating its impact and opportunity for **scaling-up**.

2. The project will target an area with immediate impact and relatively low implementation complexity.

3. We aim to develop the first AI project by end of the Year.

8. Open Discussion

1. Sharing our journey to open a dialogue and understand how other Companies in the industry and supply chain are progressing.

2. We welcome your input and insights to refine our AI strategy.

3. There may be synergies in cooperation between companies.

4. Do larger companies have the responsibility and capability to lead the supply chain and set the direction for AI implementation?

ANIMP
AI Experiences and Perspectives

Documents check and cross check

Available AI tools to compare documents

- PDFelement AI

- AskYourPdf (basato su ChatGPT)

- ChatPDF

- File GPT (in grado di gestire molti formati di file)

- Copilot (integrato in Office)

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AI personal approach

- AI experience is generally a light induction associated with self training and flexible knowledge approach

- Adoption of AI support is a sort of life style enhancing performance , shortening time and leaving time for core activities

Documents Check and Crosscheck

- In Saipem the adoption of Copilot as integrated AI support in Office 365 is increasing every day .

- Copilot is supporting all main Office application (Teams, Outlook, Power Point , Word, Excell Data analysis)

- Every interaction can fine tune gaps and information

- Ex. : «please compare doc 1 with doc 2 and organize the differences in a table with 3 coluns»

The adoption of AI in general it isn't driven by Clients needs, it is an opportunity to increase competitiveness and focus on core activities for the business