





Who am I – Maria Picciotti



Over 10 years of experience in complex digital transformation programs, SAP S/4HANA implementation projects, business process redesign, and redefinition of the target operating model, both in Italy and international contexts. Specialized in the manufacturing, services, utilities, and telecommunications sectors.



Working Experience

Manager - AI-LOG Manager - PwC Senior Associate - PwC Analyst Consultant - Capgemini



Education

Massachusetts Institute of Technology

Data Science & Machine Learning, Making Data-Driven Decisions Università di Pisa

Executive Master in Finanza e Controllo di Gestione (Fgc)

Università Ca' Foscari Venezia

Laurea Magistrale in Direzione Aziendale

Università degli Studi "Gabriele d'Annunzio"

Laurea in Economia Aziendale



maria.picciotti@ai-log.it





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Who am I – Nicola Galli



7 years of experience in HR, gained both in consulting and manufacturing companies, I recently graduated in Career Coaching. I currently working at PTE Group, where my focus is on recruitment, training, and career development within the organization.



Working Experience

People & Culture Advisor - PTE Consulting HR Generalist - Sofinter Recruiter - ManpowerGroup Career Support – Provincia di Lecco



Education

Escuela Europea de Coaching Diploma in Career Coaching

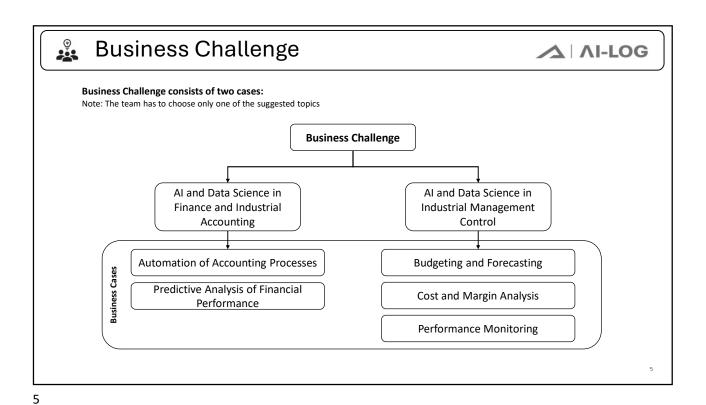
Università degli Studi di Milano - Bicocca Master in Risorse Umane Laurea in Sociologia

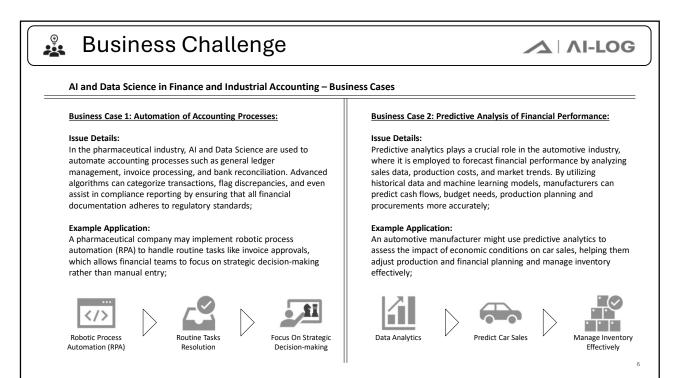


Contact info: nicola.galli@pteconsulting.it











Business Challenge



Al and Data Science in Industrial Management Control - Business Cases

Business Case 3: Budgeting and Forecasting:

Issue Details:

In the industrial manufacturing sector, AI and Data Science enhance the accuracy of budgeting and forecasting by analyzing large datasets, including historical production data, labor costs, and supply chain fluctuations. This allows organizations to create more precise financial forecasts that reflect real-time operational

Example Application:

A manufacturing company might implement advanced analytics to develop budgets that account for seasonal fluctuations in demand, thus optimizing resource allocation and production planning;











Optimal Resource

Business Case 4: Cost and Margin Analysis:

Issue Details:

In the fashion industry, Data Science is employed to analyze production costs and improve margins. By utilizing analytics tools, companies can track expenses related to materials, labor, and logistics, identifying areas where costs can be reduced without compromising quality;

Example Application:

A fashion brand may use data analysis to evaluate the costeffectiveness of different suppliers and production processes, enabling them to choose options that maximize profit margins;











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Business Challenge



Al and Data Science in Industrial Management Control – Business Cases

Business Case 5: Performance Monitoring:

Real-time performance monitoring in the large-scale retail (GDO) sector is facilitated by Al-driven dashboards that track key performance indicators (KPIs). These dashboards utilize Data Science to integrate data from various sources, providing a comprehensive view of sales performance, inventory levels, and customer behavior;

Example Application:

A retail chain might deploy Al-powered dashboards to monitor sales in real-time, allowing managers to respond swiftly to trends, such as adjusting pricing strategies or reallocating stock to meet customer demand.

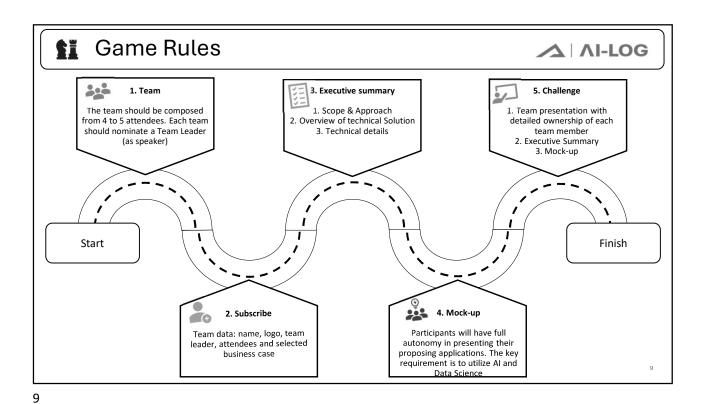


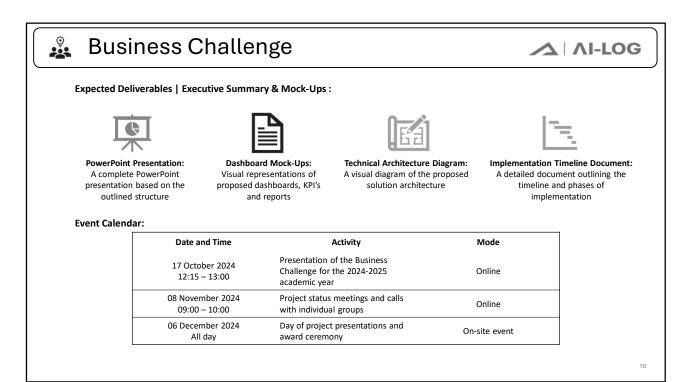






Swift Reaction of the Management Team







Evaluation Criteria



Evaluation Item	Detailed Explanation	М	ax Weighted Score
Solution Consistency & Feasibility	Level of coverage of business requirements and technical solution feasibility		15
Team involvement	Team member ownership and tasks performed by each ones		10
Executive summary	Quality of documentation, public speaking and fit to scope		25
Originality	Level of originality and creativity of the solution		10
Technical solution	Details of technological tools & solution		10
Mock-up	Presentation of POC and working model (demo) in order to show the coverage of business case		30
	Т	otal	100

For all the topics, a System mock-up and an Executive Summary document are required to present the project.

