Gian Paolo Canuti
Data Scientist | Project Manager

www.linkedin.com/in/gian-paolo-canuti

PROFILE

Data Scientist motivated by mining business data to find valuable insights and drive decisions analytically to provide solutions to business challenges. Able to analyse issues with a data-driven approach and effectively communicate results to stakeholders at all levels. Master's in Business Analytics. Solid experience in project management, having led corporate projects from inception to closure in the airline reservation business. PMI certified.

KEY SKILLS

Machine Learning	Data Analytics	Python
Project Management	Communication	Requirements Analysis
Customer Facing	Virtual Team Management	Presentation Skills

PROFESSIONAL EXPERIENCE

AMADEUS IT GROUP, France   2001 - 2022
World's leading global distribution system (GDS) and technology provider for the travel industry

DATA SCIENTIST   2019 - 2022

Time series Implementation
- Modelled passenger flight bookings and airline flight schedules at the time of the pandemic in a time series fashion to predict future trends. Used ARIMA models with seasonal and exogenous variable components.

Anomaly detection
- Performed anomaly detection on corporate customer transactions using Random Forest models. Tuned the models by searching the best performing parameters.

Image classification
- Built neural network models to classify 2D images using convolutional nets. Optimised the network architecture to increase stability and accelerate model training. Used extensive hyperparameter tuning to achieve best performance.

PROJECT MANAGER   2001 – 2022

e-Service implementation
- Managed the implementation of the e-service functionalities in the reservation GUI for TAM airlines. Adhered to specifications by closely controlling execution.
- Respected customer-imposed deadline by carefully managing changes.
- Achieved customer satisfaction by acting as primary contact, performing a thorough follow up and providing first level user support.

Delivery of an airline reservation application for airports
- Delivered an airline reservation application to be operated on 5000 terminals at airports world-wide.
- Achieved the certification by the world-wide airport providers by assuring compliance with industry standard and airline requirements. Led a cross-functional project team of 5.

Implementation of Front Office products in the corporate training system
- Rendered the division flag product fully compliant with the corporate training system used by all Commercial Units world-wide by closely coordinating the developers' effort.

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- Distributed the new features by delivering technical training to all Regions and providing end-user support.

Migration of obsolete Front Office client deployments
- Led a core team of 6 across all Regions to migrate 30000 customer terminals.
- Overcame customer reluctance by providing migration solutions based on ad-hoc business analysis and through a thorough communication campaign.

Leisure Travel Solution delivery
- Delivered a Leisure Travel Solution by adapting tasks and resource planning to the life cycles of the different components.
- Led a project team of 6 remotely located.
- Achieved acceptance by validation against the business processes gathered from the client. Created training sessions for staff and clients.

Operations projects
- Coordinated the resolution of the Operations issues affecting production and development around systems, network and infrastructure.
- Turned around a failing situation by coordinating the activity of 15 teams across corporate sites.

EDUCATION & CERTIFICATIONS

MSc Business Analytics – University of Surrey, UK

Tableau Desktop Specialist – Tableau

PMP Certification – PMI

Degree in Electronic Engineering – University of Genoa, Italy

LANGUAGES

Italian: native   English: fluent   French: fluent

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