



Professional Services in Artificial Intelligence and Data Science

It's a pleasure to present you with a tailored proposal for the development of advanced artificial intelligence solutions. My goal is to provide high-quality services that transform your data into real value, empowering you to make informed decisions. Through this proposal, I aim to deliver effective and accessible implementation, ensuring that the results align with your specific expectations and needs.

I am committed to managing all aspects of solution development and maintenance, ensuring optimal performance and continuous support to maximize the value of your investment in technology.

If you'd like to see some of the projects I've developed, feel free to visit my portfolio: <https://github.com/MatCalDev>

Service Proposal

1. Artificial Intelligence Consulting

- **Needs Assessment:** Analyzing the client's specific requirements to identify opportunities for effective AI applications.
- **Project Definition:** Providing guidance on planning and designing AI systems to ensure results are aligned with the client's goals.

2. Machine Learning Model Development

- **Predictive Model Creation:** Developing customized machine learning models for predictions, classification, or recommendations based on the client's data.
- **Data Processing:** Cleaning, transforming, and analyzing large datasets to train models effectively.
- **Model Optimization:** Fine-tuning and improving models to maximize accuracy and efficiency in results.

3. Implementation of AI Solutions (Astrophysics)

- **Astrophysical Data Analysis:** Processing and modeling astronomical data to gain insights into patterns, object behaviors, and more.
- **Observation Automation:** Developing algorithms for telescope image recognition and classification, event detection, and other astronomical applications.
- **Prediction and Simulation:** Creating simulations based on astrophysical models and predictive analysis for studying spatial behavior.

4. Custom Algorithm Development

- **Design of Data Analysis Algorithms:** Developing specialized algorithms to solve specific client problems, ranging from image analysis to natural language processing.
- **Neural Network Implementation:** Building deep neural networks for complex tasks such as pattern recognition, image classification, and time series analysis.

5. Training and Education

- **Team Training:** Providing training on the use and application of AI and data science tools so that the client's team can fully leverage the implemented solutions.
- **Documentation and Support:** Supplying detailed guides and post-implementation technical support.

Work Schedule

Phase 1: Project Analysis and Definition

Objective: Ensure a complete understanding of the client's goals and needs to properly define the project.

Phase 2: Model Development and Training

Objective: Develop, train, and fine-tune the necessary models to meet the project's requirements.

Phase 3: Implementation and Testing

Objective: Deploy the solution in the client's environment and conduct tests to ensure optimal performance.

Phase 4: Training and Support

Objective: Train the client's team and provide detailed documentation.

Budget

Project Development

Includes the design, development, and implementation of AI models.

- **Basic/Low-Level Project:**

Examples: Data classification, simple predictive models, etc.

Cost: Between 2 million and 2.5 million colones.

- **Intermediate Project:**

Examples: Image processing, recommendation systems, etc.

Cost: Between 3 million and 5 million colones.

- **Advanced/High-Level Project:**

Examples: Large-scale data processing, complex models, or scientific analysis.

Cost: Between 5 million and 10 million colones or more.

Additional Consulting (Optional)

Evaluation of the client's needs, objective setting, initial project design, or any other topic the client considers necessary outside of what's included above.

- **Hourly Rate:** Between 30,000 and 50,000 colones, depending on the complexity of the analysis.
- **Per Session:** Between 60,000 and 100,000 colones, depending on the session duration.

Maintenance and Support

Services for model updates and optimization, bug fixing, support in implementing improvements or adjustments.

- **Monthly:** Between 400,000 and 500,000 colones, depending on the frequency and level of support required.
- **Hourly Rate:** Between 30,000 and 40,000 colones for low-demand support.

Payment Terms

Option 1: Payment in Two Installments

- **50%** at project start
- **50%** upon final delivery

Opción 2: A one-time payment with a 10% discount on the total project cost.

IMPORTANT NOTES

- The client will receive regular updates on project progress.
- Future updates or modifications will incur an additional cost.
- The consulting fee varies depending on the topics covered and session duration.

BANK DEPOSIT [BAC]

Client Account:

XXXXXXXXXXXXXXXXXXXXXXXXXX

Account for deposit:

XXXXXXXXXXXXXXXXXXXXXXXXXX

IBAN Account

CR150XXXXXXXXXXXXXXXXXX

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