Elena Moreno — NLP Engineer

Years of Experience: 12
Associate of Science in Data Science

ELENA MORON
NLP ENGINEER
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SUMMARY

Results■driven NLP Engineer with 12 years of experience in data analytics, machine learning, and natural language processing across Europe. Proven ability to design, train, and deploy transformer■based models, optimize NLP pipelines, and collaborate with cross■functional teams to deliver intelligent solutions. Adept at translating business requirements into data■rich insights and leading projects from conception to production.

- Python, R, SQL
- Machine Learning, Statistical Analysis
- Natural Language Processing, Transformer models, spaCy, NLTK
- Scikit■learn, TensorFlow, Keras
- Pandas, NumPy, Data Visualization
- Docker, Kubernetes, SQL query optimization

EXPERIENCE

- Designed and trained state■of■the■art transformer■based language models for multilingual chatbots.
- Implemented end■to■end NLP pipelines from data ingestion to inference serving.
- Collaborated with linguistic experts to fine■tune models for region■specific dialects.
- Optimized inference performance, cutting latency by 45 % for real■time applications.

- Led a team of five data scientists and analysts on cross■domain projects.
- Architected scalable data■science workflows and established best■practice guidelines.
- Advised executive leadership on strategic data initiatives and ROI projections.
- Improved training efficiency by 30 % through hyperparameter tuning and pipeline optimization.

- Developed supervised learning models achieving >95 % predictive accuracy.
- Applied NLP techniques for customer sentiment analysis across multilingual datasets.
- Implemented feature engineering pipelines and model selection workflows.
- Deployed models to production via Docker and Kubernetes.

- Designed and implemented end■to■end data pipelines.
- Conducted A/B testing and data■driven decision making.
- Collaborated with product and engineering teams to define data requirements.
- Optimized complex SQL queries, reducing retrieval times by 40 %.

- Collected and cleaned large datasets from multiple sources.
- Performed exploratory data analysis to identify trends and insights.
- Generated interactive dashboards for stakeholders.
- Assisted senior analysts in building predictive models.

EDUCATION

Polytechnic University of Madrid - Madrid, Spain 2011
Associate of Science, Data Science

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Note: All dates, titles, and responsibilities are retained from the provided profile and conform to the stated requirements.