Esteban Guerrero Bravo

Expert Professional in Data Science & Analytics

Passionate about unraveling the hidden value of data and permanently looking forward to experiencing new challenges and projects.
I am distinguished by my view of data as an asset that brings value to the world and by a never-ending search for innovation

Key Achievements

- Ideation, design and development of the Price Competitiveness Ecosystem.
- Predictive models: BuySmart Project Benefit Estimations, BuySmart Supplier Candidate Selection, Purchase Order Long Text Classification.
- End-to-end implementation of multiple tools for intuitive and user-friendly data visualizations.
- Successful implementation of a catalog search.

Professional Experience

- *Senior Data Analysis Advisor – High Risk Controls Analytics Team, ExxonMobil Global Business Center (GBC) Argentina. July 2021 to September 2021.*
  - Joined a newly formed team responsible for fraud investigation and researching via Data & Analytics for the Procurement organization.
  - Investigation of industry standard fraud scenarios.
  - Ideation and development of analytical tools.
  - Anomaly identification via outlier detection algorithms (Isolation Forest, Local Outlier Factor, and Auto Encoder).

- *Senior Data Analysis Advisor – Data Insights Team, ExxonMobil Global Business Center (GBC) Argentina. January 2020 – June 2021.*
  - Ideation, design and development of the Price Competitiveness Ecosystem, which enabled for the first time in Procurement ExxonMobil, a holistic view and detailed analysis of the price variable.
  - Engagement with senior managers to outline implementation of the Price Ecosystem.
  - Led business process to incorporate to Procurement databases, new pricing datasets of oil products for market pricing analysis.
  - Design of data architecture and user interfaces for new developments.
  - Implementation in production environment, highly complex data processing techniques like Machine Learning for free-form text classification, text pattern identification, combination of multiple programming languages (SQL-Python-DAX).

- *Specialist in Data Science and Analytics – BuySmart AMP, ExxonMobil Global Business Center (GBC) Argentina. February 2017 – December 2019.*
  - Achieved considerable boost and substantial quality jump of purchases under agreement and project benefit metrics.
  - Development of a complex Supplier Benefits Model to recognize / predict future activity under agreement and BuySmart project benefit performance.
  - In depth analysis of on boarded suppliers in pilot project sites to understand BuySmart penetration and impact.
  - Completion of planning stage 1 of BuySmart global supplier rollout by developing a complex supplier spend analysis and by initiating alignment with key Procurement stakeholders on supplier onboarding strategy.
  - Advice and collaboration with change management activities.

- *Process Analyst – Catalysts & Chemicals, ExxonMobil BSC Argentina. August 2015 – January 2017.*
  - Leadership of initiative to improve transactional performance of the Purchase-to-Pay process for the Catalysts and Chemicals procurement organization. Action plan formulation and stewardship with close collaboration with business users.
  - Implementation of analytical tools and training resources to increase visibility of the procurement transactions in SAP.
  - Complex data analysis to find opportunities of improvement.

Contact Info

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Skills & Abilities

- Identify opportunities where data can make an impact
- Data Storytelling
- Complex Data Analysis to discover new insights
- Creativity for challenging situations
- Influence without authority
- Excellent relationships and effective communications

Languages

Spanish	Native
English	Professional

Technical

Python	Advanced
R	Intermediate
Machine Learning	Intermediate
MS Power BI	Advanced
Tableau	Intermediate
MS Excel	Advanced
Power Query Power Pivot	Advanced
SQL Server	Intermediate
Catalog search Engines	Advanced
Purchase-to-Pay in SAP	Advanced

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- *Business Process Lead – GEMS II Procurement, ExxonMobil BSC Argentina. July 2013 – July 2015.*
  - Coordination of the SRM-MDM search engine implementation for manufacturing sites. Responsibilities included functional design & documentation; testing planning, coordination and execution; training development; change management activities with business line; rollout support activities; transition to base business organizations.
  - Formulation of the data management strategy for the SAP-SRM components under implementation.
  - Expertise in the Central Contracts Management functionality.

- *Systems Associate – Technology Innovation Center, ExxonMobil BSC Argentina.*
  - *PtP Business CoE. July 2012 – June 2013.* Coordination of Purchase-to-Pay system enhancements across multiple SAP instances. Business and testing expert working on electronic collaboration with suppliers through the Quadrem/Ariba Networks. Designated Subject Matter Expert assigned for the SAP-SRM implementation. Participation in local safety program as lead in ergonomics.
  - *SAP Business CoE. August 2009 – June 2012.* Participation in NA Stripes Project: planning and execution of electronic supplier collaboration activities, training material development and onsite delivery training for Canadian users. Stewardship and implementation of electronic collaboration between ExxonMobil and key suppliers through Ariba. Participation in recruiting processes for seven positions for support teams in Argentina.
    Expert tester of purchase-to-pay cycle.

- *IT Instructor, Business Process Integration in SAP, Pontificical Xaverian University. July 2008 – March 2009.* Class contents: IT introduction, integration processes of procurement, sales, financial accounting and production; SAP modules: MM, SD, PP, FI.

- *Purchasing Coordinator, Friogan S.A. August 2007 – December 2008. Supply* chain administration for five slaughterhouse complexes located in different regions in Colombia. Administration of relationships with vendors including negotiations. Report generation for senior management regarding production volumes, costs, deliveries and cattle prices.

Education

- Data Scientist – Consolidation, Argentine School of New Technologies EANT, Buenos Aires, December 2018.
- Specialist in Oil and Gas Production, Technology Institute of Buenos Aires (ITBA), Buenos Aires, March 2013.
- TERP10 mySAP Integration of Business Processes; certification from SAP A.G. as: solution consultant MySap ERP - fundamentals & integration of business processes. Pontifical Xaverian University, Bogotá, July 2008
- Industrial Engineering, Pontifical Xaverian University, Bogotá, April 2007.
- Processes integration using information technologies (with SAP R/3), Pontifical Xaverian University, Bogotá, June 2006.

Key Projects

North America STRIPES, GEMS II, BuySmart AMP.