Emiliano Llera Do Campo

Sr Data Integration & Data Science Starter

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Summary

Bachelor's degree in Computer Science with 10+ years of experience.
Data Science Starter

Strong communication and interpersonal skills.
Strong analytical and problem solving skills.
Strong time management and organizational skills.
Coaching and Mentoring of less experienced team members.

Proficient in building staging environments, data warehouses, data marts.
Fluent in relational database and flat file processing concepts.

- 10+ Years of ETL experience (6+ IBM Datastage, 2+ Pentaho Data Integration, 2+ SAS Data Integration Studio, DTS)
- 10+ Unix, Shell scripting, Python and Windows batch scripting.
- 10+ RDBMS (Oracle, Netezza, SQL Server, DB2, SAS datasets)
- 8+ Experience with scheduling tools (Control-M, TWSd, TWSz, Probatch, crontab, Datastage Scheduling)

Experience

Data Scientist @Grupo DATCO
September 2018 – present

- **Tasks:** Pre-Sales Technical Support. for internal Business Unit, construction of Proof of Concept for IoT project (Data ingest from SigFox backend + BI Dashboard). For external clients, Artificial Intelligence project (Object Detection using CNN) for monitoring agreement compliance on product display conditions.

- **Technologies:** Python, Anaconda Framework, Keras Framework, Open CV. Microsoft Azure (Event Hub, Stream Analytics, Table Storage,

Power BI embedded). Azure Cognitive Services APIs (Computer Vision, OCR, Image Search)

- **Client:** Macro Bank - **Project:** Visión 360.

Sr. ETL Consultant @Ergo Renova
August 2018 – August 2019 (1 year)

- **Tasks:** Design and Construction of ETL processes from internal and external sources. Development of Python application for consumption of Survey API (surveymonkey.com - API Rest-based/JSON). Analysis, Design and Construction of Dimensional Model for Customer Experience KPI.

- **Technologies:** IBM DataStage v11.3, IBM Netezza 7.2, Windows Batch scripting, Python 3.6, JSON

- **Client:** Macro Bank - **Project:** Visión 360.

Sr. Consultant ETL @Cognizant
August 2015 - Present (2 years)

- **Task:** Business requirement analysis. Documentation of the functional requirements and design of the solution. Construction of ETL processes. Creation and documentation of Test Plan. Estimation of efforts and construction times.

- **Technologies:** Pentaho Data Integration 5.2, IBM DataStage v9.1, SAP BO 4.0, Oracle 11, Windows Batch scripting, Unix Shell scripting.

- **Client:** JPMorgan Chase Mexico - **Project:** Mexico Regulatory Reports (MIRRA).

LATAM EDW - Sr. Analyst Developer ETL Datastage @Citi Bank
March 2010 - July 2015 (5 years 6 months)

- **Tasks:** Analysis and design of new requirements. Construction of ETL processes. Coordination of different tasks team. Estimations of efforts and construction times.

- **Technologies:** AIX 6.1, IBM DataStage v8.5 Parallel, Parallel Routines

(Language C), Oracle 11, Shell scripting, IBM Tivoli Workload Schedule (TWSd), Connect:Direct

- **Cards Paraguay**

Construction of Cards System (ECS) raw data loading process for Paraguay. The definitions of the source files were build based on COBOL source system definitions. Datastage Schema files functionality was used in the loading process.

- **Enterprise Insurance LATAM**

Construction of Regional Insurance Datamart. It included countries of Central America and South America. Construction of MIS reports (New, Begin-of-Period, End-of-Period & Attrition Accounts, Weekly sales, Sales by Product & Channel). Datastage Schema files functionality was used in the loading process.

- **Relationship Officer Customer Portfolio (Focolistas)**

Construction of data feeds for web application that assists Branches Relationship Officers. It allows them to have all their portfolio information centralized, having summary of contracted products per customer.

- **Anti-Money Laundering Risk Assessment (AMLRA)**

Regulatory project for automation of data collection of metrics for purpose of Risk Assessment of Anti-Money Laundering analysis. Collection comprised countries of Central America and South America (Brazil, Argentina, Uruguay, Peru, Colombia and Venezuela). Collection of geographical, Customers-Accounts and Product-Transaction data information.

SSr. Consultant ETL Datastage @Focus Business Solutions
October 2008 - February 2010 (1 year 5 months)

- **Tasks:** Analysis, Developing and Maintenance of ETL processes. QA plan analysis and execution. Document production processes. Analysis of business requirements and translation into technical specifications. Second Level Production support. Software Factory coordinator of small group of ETL developers for clients abroad.

- **Technologies:** IBM Datastage (7.5.3 & 8.1) Parallel & Server. Oracle 9 & 10, SQL Server 2000 and DB2, Unix, Shell scripting.

- **Customers:** Veraz-Equifax (Argentina), Pan American Energy (Argentina), Presto (Chile), Interbank (Perú).

- **Certification:** InfoSphere Datastage v8.0 (May 2009)

SSr Analyst Developer BI @Telecom Personal Argentina

August 2006 - September 2008 (2 years 2 months)

- **Tasks:** Analysis, Design and Construction of ETL processes. Taking corrective and evolutionary requirements. Support and training in using tools to marketing users.

- **Technologies:** Unix (Solaris), Shell scripting, Oracle10, PL/SQL, MSSQL2005 (Data warehouse source system). Control-M for automation and process scheduling. • **SAS Suite:** SAS/BASE, SAS/MACROS, SAS/ACCESS, Data Integration Studio (ETL) + Information Map Studio + Web Report Studio.

- **Data mart Customer Profiling**

Tool for customer segment analysis (Individual & Corporate). Allowing segmentation, comparison and tracking of client behavior. Creation of data feeds having the enterprise warehouse as data source.

- **Data mart Campaign Management**

Tool to assist the preparation of client segments or potential customers (prospects) with the purpose of offering a suitable commercial proposal (Campaigns) using various channels: SMS, SAT, Call Center (Inbound & Outbound), email, etc. The tool increases the effectiveness of commercial offers and maximize the exploitation of channels resources.

- **Customer Retention Scoring Model**

SAS Analytical CRM Solution. Construction of Score to identify the probability of a client requesting cancellation of the contracted services. Allows you to start commercial actions based on behavior predictions in order to retain customers before the cancellation is effective.

Analyst Developer @Telecom Argentina

January 2005 - July 2007 (2 years 7 months)

- **Tasks:** Definition of Internal and External design. Construction of data model and Cubes. Analysis and tracking of new and corrective requirements. Coordination with web development team.

- **Technologies:** Windows 2003 Server, SQL Server 2000, DTS's, Microsoft Analysis Services (Cubes) + Office Web Component for web access to cubes using MDX.

- **TMRA System**

Development of historical KPI repository of external access network. Capacity and availability information for new subscriber lines in phone centrals, status of request

of new lines, claims information and failure tracking. Use of dynamic grouping schema design.

Skills & Expertise

ETL • DataStage • Data Warehousing • Oracle • Data Modeling • SQL • Unix • Microsoft SQL Server • Business Intelligence • Databases • Data Integration

Education

Universidad CAECE (www.ucaece.edu.ar)
Bachelor's degree in Computer Information Systems, 1999 - 2004

Languages

Spanish (Native or bilingual proficiency)
English (Professional working proficiency)

Certifications

IBM Certified Solution Developer - InfoSphere DataStage v8.0 (May 2009)
Oracle Junior Data Warehouse (May 2005)

Courses

Artificial Intelligence (www.digitalhouse.com) (On-going Aug-2019)

- ✓ **Python:** Keras Framework, Talos
- ✓ **Neural Networks:** Dense, Embeddings, RNN(LSTM, GRU) , CNN.

Data Science (www.digitalhouse.com) (5 months, Jul-2017)

- ✓ **Python:** Numpys, Pandas, Seaborn, Scikit Learn, Statsmodel
- ✓ **Machine Learning:** Supervised (Regressions, Classifications) and Unsupervised (Clustering, PCA) Learning.
- ✓ **Algorithms:** Linear Regression, Logistic Regression, KNN, Naive Bayes, SVM, Decision Trees
- ✓ **Ensembles:** Bagging (Random Forest, Extra Trees), Boosting (Ada, Gradient Boosting)
- ✓ **Web Scraping:** BeautifulSoup, Mechanize
- ✓ **Final Challenge:** Kaggle Competition (Instacart Market Basket Analysis). F1 Score: 0.3680002 - Leader: 0.4079491

M102: MongoDB for DBAs (**MongoDB University**) (Feb-2017)
M101P: MongoDB for Developers (**MongoDB University**) (Dec-2016)
Introduction to Big Data and MongoDB (**Extension UTN.BA**) (Oct-2016)
Hadoop Arquitect - Developer, Analyst, Administration, Testing (eLearning, **Intellipaat.com**) -

- ✓ Hadoop Ecosystem
- ✓ HDFS

- ✓ Sqoop
- ✓ Oozie
- ✓ Pig
- ✓ Flume
- ✓ Hive

Apache Hbase (**Intellipaat.com**) (Jul-2015)
Python 3 - Initial Level (**Extension UTN.BA**) (Apr-2015)

SAS Programming with Macros and SQL (Jan-2008)
SAS Intelligence Platform Administration (Sep-2006)
Using SAS Information Map Studio to Create Information Maps (Sep-2006)
Designing Relational Databases, SQL/SQL*Plus y PL/SQL (Oct-2004)