



Fundamentos
de Machine Learning
para Geometalurgia
Univariate EDA
(GMU Definition)

Agenda

Machine Learning basis













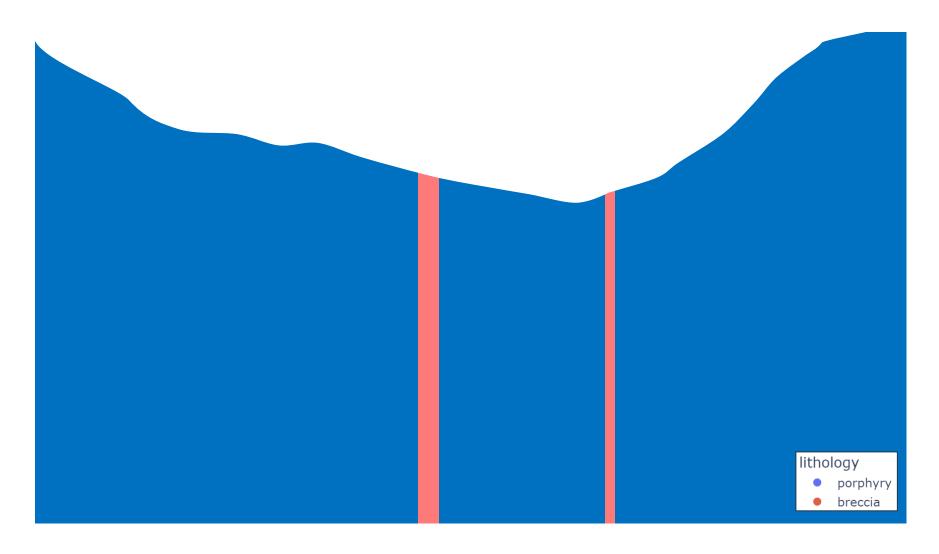
Univariate Exploratory Data Analysis (EDA)

Data Preparation

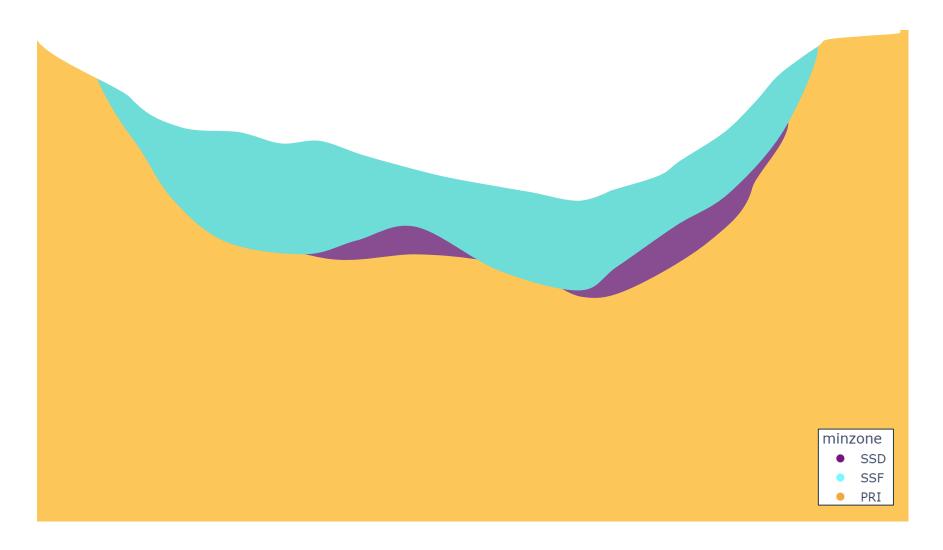
Regression model (proxy) for geometallurgical parameter Ai



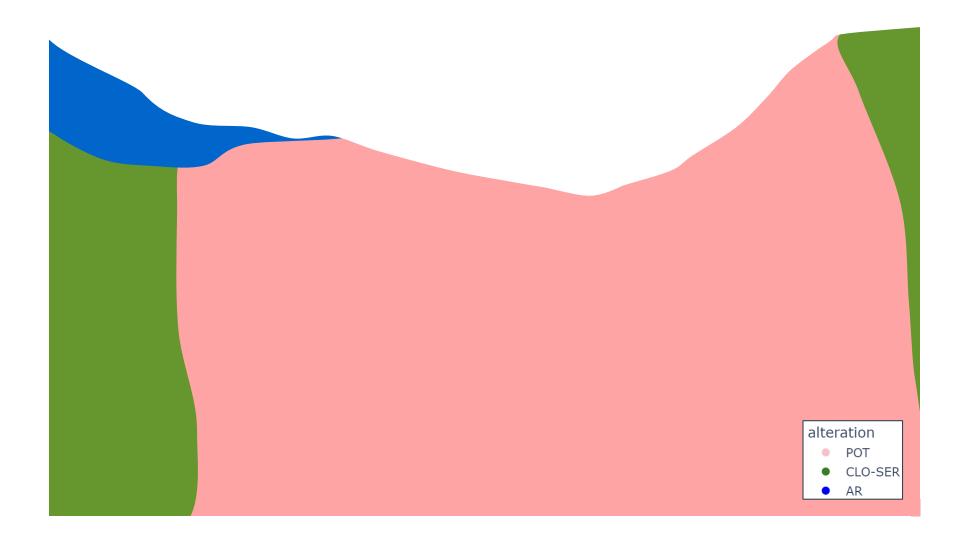
Project lithology



Project minzones



Project alteration



Univariate/Bivariate EDA for Ai GMU Definition

For the definition of Geometallurgical Units (GMUs), the control of the combinations of minzone and alteration in the distribution of Ai is studied.

minzone

SSF = strong secondary enrichment

SSD = weak secondary enrichment

PRI = primary sulphides



alteration

AR = argillic

CLO-SER = chloritic-sericitic

POT = potassic



GMUs

GMU1 GMU2 GMU3

Etc.

