Felipe A. Huerta

984.604.680 • Lima, PE 51 • felipe.huerta.correa@gmail.com •
www.linkedin.com/in/felipehuertacorrea   Portafolio: https://felipehuerta.webnode.page/

DATA ANALYST

Business Intelligence | Big data – AI | Effective communication

I am a passionate data analyst specializing in Big Data and Statistics, driven by a strong curiosity for finding hidden patterns and insights in complex data. I hold a bachelor's degree in international business and over one year of experience in the retail industry and eight years of experience in the mining industry. Equipped with strong analytical skills and expertise in various statistical and analytical techniques, I excel at data exploration, trend identification, and forecasting. I am constantly seeking new challenges and opportunities to expand my knowledge and skills in the field of data analysis. I am dedicated to delivering high-quality results and using data to drive meaningful impact for organizations.

PROFESSIONAL SKILLS

- Experience in processing and analyzing Big Data.
- Proficiency in Python, R, and SQL programming for Spark on Databricks and Colab, employing libraries like Pandas, NumPy, and Scikit-Learn.
- Solid foundation in Machine Learning and Deep Learning model development, with comprehensive knowledge of core algorithms and techniques.
- Expertise in data visualization and dashboard creation using industry-standard tools like Tableau, Power BI.
- Skilled in handling geospatial data and visualization for commercial environments within ArcGIS/ArcGIS Pro.
- Master in Microsoft Office.
- Excellent communication skills.

PROFESSIONAL EXPERIENCE

FloSolutions SAC. - Lima, Perú   06/2023 – 09/2023
Data Analyst Assistant
Leveraging big data and deep learning for market analysis in Colombia and Ecuador, identifying global service competitors, and presenting insights in Tableau and Power BI dashboards.

- Collect, process, and analyze data to gain valuable insights.
- Analyze major competitors, their products and services, and their financial statements to uncover investment trends.
- Determine the financial health of the major banks.

WSP S.A. - Anddes S.A. - Lima, Perú   02/2018 – 12/2023

Consultant in Hydrological Data Analysis

Data quality assurance and workflow automation using ModelBuilder and R. Information presentation to stakeholders in ArcGIS/ArcGIS Pro to support decision-making.

- Data-driven assessment of potential contamination sites, aquifer recharge areas, water balance, and precipitation distribution.

Hydroterra S.A.C. Lima, Perú   01/2016 – 12/2017

Hydrological Data Analysis

Conducted data collection and spatial data processing, mapping, and modeling to analyze water resources using ArcGIS, ArcGIS Pro, ArcSWAT, SWAT-CUP.

- Developed scripts and tools in ModelBuilder, Python, and R to automate workflows.
- Analyzed data, created reports, and presented key insights to stakeholders for informed decision-making.

MWH Perú S.A. Lima, Perú   01/2008 – 12/2015

Hydrological Data Analysis

Performed spatial data processing, mapping, and modeling using ArcGIS. Managed databases and maintained data quality using ArcGIS, ArcGIS Pro, ArcSWAT, SWAT-CUP.

- Developed custom scripts and tools using Model Builder, Python, and R to automate workflows, resulting in a 25% reduction in project completion time.
- Conducted statistical analysis and generated reports to facilitate decision-making, presenting key findings and insights to stakeholders and project teams.

EDUCATION

Universidad tecnología del Perú - UTP - Lima, Perú. Bachelor's in international business	03/2018 - PRESENTE
Universidad Tecnológica del Perú (UTP), Samsung - Lima, Perú. Big Data specialization	06/2023 – 11/2023
Escuela Nacional de Estadística e Informática (ENEI) - Lima, Perú. Specialization in Applied Statistics	12/2015 – 06/2016
Universidad Nacional Agraria La Molina, Escuela de Postgrado, Maestrías en Ciencias Ambientales - Lima, Perú. Applied Hydrology	02/2016 – 03/2016

CURSOS

Escuela Nacional de Estadística e Informática (ENEI) - *Lima, Perú*. Exploiting BIG DATA with POWER BI	08/2023 – 09/2023
Escuela Nacional de Estadística e Informática (ENEI) - *Lima, Perú*. Fundamentals of Machine Learning with R	12/2020
Escuela Nacional de Estadística e Informática (ENEI) - *Lima, Perú*. R Software Workshop Course	08/2016

INNOVATIONS

- Nimbus Rain v.1.1. I librería for Global Precipitation Measurement mission and Peruvian Interpolated data of the SENAMHI's Climatological and hydrological Observations. I Python for ArcGis 10.2 Precipitación I 2015.
- SM RiskMap Value vs. 1.0, 1.1 I App: ModelBuilder/Python of ArcGis 10.1 I Karst Vulnerability and Risk Model, COP method.
- Carbonate Recharge vs. 1.0, 1.1 I App: ModelBuilder/Python of ArcGIS 10.1 I Model to determine recharge in karst aquifers, APLIS + I method 2014.
- CatchWater Pro Mensual vs. 1.0, 1.1 I App ModelBuilder/Python of ArcGis 10.1 I Model to determine recharge and runoff, Curve Number I method 2014.

CONFERENCES AS AN EXHIBITOR

XX Conferencia Latinoamericana de Usuarios Esri – LAUC 2013, Lima Perú   10/2013
- Telemática
- Presentation: "Determination of Critical Contamination Zones for the Protection of Groundwater"

XV Congreso Peruano de Geología, Cuzco Perú   10/2010
- Sociedad Geológica del Perú
- Presentation: "Methodology for Calculating Runoff and Infiltration in Basins Based on the Curve Number".