

MISSAOU SANA

Business Intelligence Engineer

in [linkedin.com/in/ sana-missaoui-7b2b23192/](https://www.linkedin.com/in/sana-missaoui-7b2b23192/)

+216 41768238 @ sana.missaoui@esprit.tn

Ariana, Tunisie

EDUCATION

Present	SOFTWARE engineering and ERP-Business Intelligence in ESPRIT "l'École sup privée d'Ingénieurs de Tunis" EUR-ACE diploma labeled by the CTI - TUNISIA
2020	M1 Master's Degree in Information Systems Engineering - Faculty of Sciences Monastir TUNISIA
2012	Fundamental Degree in Computer Science - Faculty of Sciences Monastir TUNISIA
2008	Bachelor Scientific degree Mathematics section at Secondary School of Elayoun - TUNISIA

PROFESSIONAL EXPERIENCE

September 2021	Data Analyst Implementation of a decision-making solution to analyze all the Business activities of a company , INFO300 , Tunisia-Monastir
November 2022	<ul style="list-style-type: none">> Collecting and drafting functional requirements> Data Warehouse Modeling> Feeding the Data Warehouse> Implementation of reports and dashboards <div>Microsoft SQL-Server (SSIS SSAS SSRS) Power BI Desktop Python Notebook</div>
January 2020	PFE Design of a MEAN Stack web application + IA module integration for automatic selection using NLP. , MOBELITE LBS, Tunisia-Monastir.
August 2020	<div>Microservices Python NLP MongoDB Angular12 Node JavaScript</div>
October 2013	Technical Service Assistant, INFO3000 , Tunisia - Monastir.
December 2019	lead a team of technical consultants. Manage relationships with partners. Guarantee the reliability, performance and evolution of the information system. Guarantee the integration and technical supervision of projects. Supervise consulting activities..

PROJECTS

PROJECT BUSINESS INTELLIGENCE : SMARTDECISION

2021-2022

decision support tool for a dairy company.

Objective : To set up a decision-making solution which makes it possible to analyze and visualize data.

- > Formalization of functional and technical specifications detailed.
- > Data Warehouse Modeling.
- > Feeding the Data Warehouse.
- > Generation of external data to enrich databases data with web-scrapping and forms .
- > Descriptive, explanatory and predictive analysis of data.
- > Implementation of reports ,dashboards and a predictive simulation functionality.
- > Realization of a web application that will allow to present all results.

Talend Power BI PostgreSQL MySQL-Workbench Data-Mining Flask SQLite Excel JupyterNotbook

PROJECT BIG DATA : HEART FAILURE PREDICTION

2021-2022

People with cardiovascular disease or who are at high cardiovascular risk need early detection and management wherein a machine learning model can be of great help. Based on your dataset , we created a program that allow us to predict your heart failure rate , this came after studying and analyzing a wide clinical data sets .

Spark Kafka Zookeeper Python SQL

PROJECT MEANSTACK : MOBIPLAN

2020-2021

MEAN stack web application for team management, Integration IA Model for automatic selection using NLP. .

NodeJS Angular MongoDB Python Scrum CRISP DM NLP

Apartment Price Prediction.

Machine learning linear regression gradient descent python

SKILLS

Business Intelligence	Microsoft SQLServer(SSIS , SSAS , SSRS), Talend , Power BI , SAP , ABAP
Data Analysis	Machine Learning , Deep Learning , Data Mining
Big Data	Elasticsearch , Kibana , Spark , Hadoop , Cloudera
Programming	Python , R , GO , C , C++ , C , Java, Typescrip , Javascript, CSS , HTML , PHP , SQL
Data Base	Oracle Database , MySQL , Mongoddb , PostgreSQL
Development tools	JetBrains, Github , Visual Studio Code
Framework	, Spring .NET , ANGULAR
Methodology	CRISP-DM , SCRUM
Scientific modelling	UML, BPMN
Operating systems	Windows, Linux, Mac OS X
Others	architecture SOA, technologies RFID

LANGUAGES

Arabic :Native	
English:B1	
French:B2	

SOFT-SKILLS

- > Passionate | Motivated
- > Curious
- > Adaptive and flexible
- > Fast-learner
- > Cooperative
- > Negotiator

ASSOCIATIVE EXPERIENCE

- > Active membre -IEEE ESPRIT CS chapter

CERTIFICATIONS

- > Building Transformer-Based Natural Language Processing Applications |NVIDIA