

ELIE CHARLES ZANG

Data analyst

elijahzang@outlook.com / C: 438-925-0387 / 1500 rue ottawa, Montréal, H3C 0P6

For an interactive resume please click here: [Power BI resume](#)

SUMMARY

Process oriented data analyst and machine learning enthusiast with a proven track record delivering results working with BI tools and machines learning technics.

I have mastered the end to end data life cycle: from data acquisition to data visualization, and I'm very good working with any type and size of data.

PROJECTS:

- set up of a Power BI tool which allowed manager to track employee's performance through a python code which connect via an API to harvest to collect, transform and load data into SharePoint.
- Design of dashboards for decision making in the transport sector for companies such as Walmart, St-Hubert, BRP to track transportation cost
- Implementation of an ETL process via Python allowing to extract data from different sources and formats (CSV, JSON, database), transformed and loaded them into a SQL server database.

SKILLS:

- | | | |
|------------------------------|----------------------|------------------|
| ▪ Quantitative Methods | ▪ Machine learning | ▪ Data Mining |
| ▪ Data modeling | ▪ Agile /Scrum, | ▪ Data Wrangling |
| ▪ Business Intelligence (BI) | ▪ Data Visualization | ▪ Big data |

TECHNICAL SKILLS:

- | | |
|---|---------------------------------------|
| ▪ Python (Pandas – NumPy – Matplotlib – Seaborn – Scikit learn) | ▪ ETL (Python – SSIS-Power Query) |
| ▪ R | ▪ SQL Server/MySQL/SQLite |
| ▪ Power BI (DAX – M) | ▪ Cloudera/Hadoop/Pig/Hive/MapReduce |
| ▪ Tableau | ▪ Azure ML |
| | ▪ Excel (Pivot table – VLOOKUP – VBA) |

ACHIEVEMENTS:

- **Data Mining and Modeling:**
Collected, cleansed and provided modeling and analyses of structured data used for major business initiatives.

Outcomes:

- 15% reduction in transportation costs, resulting in \$ 3M annual savings for a client.
- Increase the overall employees' performance by 10%, by tracking their individuals' times using a dashboard build with Power BI in real time.
- **Dashboards:** Created visually impactful dashboards Power Bi for data reporting by using programming language like M and DAX. Extracted, interpreted and analyzed data to identify key metrics and transform raw data into meaningful, actionable information.

EXPERIENCE

DATA ANALYST

03 /2019 - present

Conseil2.0 – Montreal, QC

- Conduct data mining, data modeling, statistical analysis, business intelligence gathering, trending and benchmarking.
- Evaluating business requirements and transforming client requests into data deliverables
- Perform large data set analysis that can generate actionable findings
- Create regular reporting and create KPIs dashboards using Power Bi
- Automate the execution of repetitive tasks.
- Acquire data using ETL tools (SSIS – Power Query) or Python code, clean and store data in database

BUSINESS INTELLIGENCE ANALYST

12/2018 to 03/2019

Self-employment – Montreal, QC

- Designed and develop SSIS packages to Extract transform and load data from various data sources into SQL server
- Work with business intelligence tools like Tableau to develop dashboards, reports and to provide data to stakeholders.

BIG DATA DEVELOPER

10/2018 to 12/2018

Self-employment – Montreal, QC

- Design and administer a vanilla cluster on Hadoop (1 namenode + 2 datanodes)
- Design and develop Hive code for data extraction
- Write Pig data transformation scripts to work against structured data from various data points
- Administer jobs with Hue within the cluster

SUPLY CHAIN ANALYST

06/2017 to 10/2018

Dollarama – Montreal, QC

- Creating data models, data mappings, and plans for data deliverables
- Gathered, evaluated, transformed, and validated data to help clients make better business decisions
- Recommended and provided solutions to clients on key business matters
- Verified accuracy of data and provided detailed reports to clients using reporting tools
- Prepared charts, graphs, and tables using reporting tools

EDUCATION

- **Advanced Diploma**
Big Data and Business Intelligence Specialist - 2018
Machine learning – Big data – Statistics – Business intelligence
- **MBA**
HEC Montreal - 2016
Statistics – Business analysis – Finance
- **Msc Economics - 2005**
Econometrics – Mathematics – Statistics