# ELIE CHARLES ZANG

## Data analyst

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

## TECHNICAL SKILLS:

- Python (Pandas – NumPy – Matplotlib – Seaborn – Scikit learn)
- R
- Power BI (DAX – M)
- Tableau
- ETL (Python – SSIS-Power Query)
- SQL Server/MySQL/SQLite
- Cloudera/Hadoop/Pig/Hive/MapReduce
- 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

### SUPLLY 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
- **MSC Business intelligence**
  **HEC Montreal – (2020 – Ongoing)**
- **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