

# CEVI HERDIAN

Data Analyst & Business Intelligence Enthusiast

## Curriculum Vitae

### Personal information

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Practiced Data Analyst with more than 3 years of experience as working student and intern in extraction, transformation, loaded, statistical interpreting and visualizing various types of dataset. I have knowledge and experience for most data science steps: data cleansing, data modeling, application of statistical methods, and data visualization. Focusing on KPI Dashboard (Key Performance Indicator) and Predictive Analytics.

My site with further information and data projects: <https://itsmecevi.github.io/>

### Relevant practical experience

Sept. 2018 – February 2019

#### Data Science & Advanced Reporting

##### Deutsche Bahn Headquarters AG Berlin, internship

- Data science projects with CRISP-DM method (Cross-industry standard process for data mining) for DB Headquarters
- Machine learning: Regression, Classification, Clustering
- Supporting Visual Analytics solution (Descriptive and Predictive Analytics)
- Supporting automation of standard reporting

October 2016 – August 2019

#### Data Analyst & Business Intelligence Developer

##### HTW Berlin-University of Applied Sciences, working student

- Data extraction (ETL process) from different sources such as Excel, Access, SaaS (Software as a Service), Web Service, and from a Database (SQL)
- Developing live stream on-premise and web-based KPI Dashboard (Key Performance Indicators) for Federal Statistical Office of Germany and for internally used at Human Resources, Finance, IT, and Research Department of HTW Berlin
- Ad-Hoc Reporting (Web-based & On-premise)
- Automation of Excel (adds on: Power Query & Pivot, DAX, M, Data model)

April 2016 - August 2016

#### Data Analyst

##### TradeMachines GmbH Berlin, working student

- Collecting machinery data from all website over the world with Web Scraping machine
- Creating all about Data Mining workflow such as preparing, cleaning, formatting, modeling, anomaly detection, classification, normalize, and training the dataset of all machinery items for big data environment

April 2015 - December 2015

#### Business Data Analyst

##### Omnea GmbH Berlin, internship & working student

- Financial and Managerial Accounting
- Developing Financial, Managerial, Marketing, and Sales KPI Dashboard (Key Performance Indicator) for internal users and investor

### Education

April 2016 - Present

#### HTW Berlin-University of Applied Sciences

##### Master of Science - Financial Services & Risk Management

- Business Data Analyst Track (Time Series & Predictive Analytics)

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## Data Analyst & Business Intelligence Enthusiast

April 2012 - May 2016

### **HTW Berlin-University of Applied Sciences Bachelor of Science - Business Mathematics**

- Business Data Analyst Track (Mathematical Software)

April 2011 - December 2011

### **Studientkolleg, HTW Berlin-University of Applied Science Higher education entrance qualification (A-levels)**

- Natural Sciences

August 2010 - March 2011

### **Goethe Institute Indonesia & Hartnackschule Berlin**

- German courses

### **Award**

June 2010 - December 2015: Full Scholarships – Subang Germany Scholarships - Indonesia  
June 2009 Top 10 - International Physics Olimpiad - West Java Division  
June 2009 1st Place - International Physics Olimpiad - Subang Division  
October 2009 Top 10 - Chemistry Olimpiad - West Java, 2009

### **Certification & training**

August 2015 - Present

#### **Data Analyst & Business Intelligence:**

- Microsoft Professional Program - Data Science
- IBM Data Science Program
- Microsoft Office Specialist (MOS) Excel
- Microsoft Power BI
- Tableau
- Data Analyst & BI MOOC in Lynda.com, Edx.com, Coursera.com
- ScrumStudy.com: Scrum Fundamental Certified
- Datacamp.com: R programming

All certifications link: <https://certification.gitbook.io/cevi/>

### **Key Skill**

I adapt to new concepts and software quickly. Practicing in several methods and software, such as:

- Microsoft Excel
- Power Query & Mashup (M Language)
- Data Model, DAX, Power Pivot
- Power View & Power Maps
- Macro-VBA
- Microsoft Access & SQL
- Microsoft Power BI (on premise & web-based)
- R programming & Shiny app (R web-based)
- Python with Anaconda=(Python distribution)
- Alteryx
- Data Analyst:
  - Descriptive & Inferential Statistics
  - Time series & Predictive Analytics
- Data Science workflow CRISP-DM
- Machine learning
- Key Performance Indicator (KPI)
- Basic Version Control System with Github
- Project Management Know How

### **Pro Bono**

From 2019  
2012 - 2013  
2011

Data Science for Social Good Volunteer (<https://dssg-berlin.org/>)  
Mathematics Tutor, IWKZ e.V.  
Member of Education Department PPI Berlin e.V.

### **Language**

Indonesian  
German & English

Native  
Intermediate