CEVI HERDIAN

Data Analyst & Business Intelligence Enthusiast

Curriculum Vitae

Personal information

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Data Analyst & Business Intelligence Enthusiast. Practiced Data Analyst with more than 3 years of experience in extraction, transformation, loaded, statistical interpreting and visualizing various types of dataset. I have knowledge and experience for most data science steps: data collecting (and survey), 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

March 2019 - now	**Data Analyst & Technical Support: Remote (Online)** **Kooperationszentrum Wissenschaft-Praxis Berlin**

- Technical documentation of data analyst project
- Answering questions about data analysis project
- Technical consulting and development of data analysis project
- Testing data analysis product

Sept. 2018 – February 2019	**Data Science & Advanced Reporting** **Deutsche Bahn Headquarters AG Berlin**

- 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 2018	**Data Analyst & Business Intelligence Developer** **HTW Berlin-University of Applied Sciences**

- 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**

- Collecting machinery data from all website over the world with Web Scraping machine (Open Refine)
- 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**

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

Education

April 2016 – April 2019	**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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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 Indonesian & Hartnackschule Berlin**

- German courses

Award

2018	The best visual analysis (prize worth 1200 Euros)
2017	The best Visual Analysis Presentation
2016	The best Business Modeling Simulation
2015	The best Grade Statistics Data Analysis (100%)
June 2010 - December 2015:	Full Scholarships – Subang Germany Scholarships – Indonesia
2010	Scholarships- Top 100 Student – West Java Government Awards
June 2009	Top 10 - International Physics Olimpiad - West Java Division
June 2009	1.st Place - International Physics Olimpiad - Subang Division
October 2009	Top 10 - Chemistry Olimpiad UPI - 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 Analyctis
- Knime Machine Learning
- 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	Data Science for Social Good Volunteer (https://dssg-berlin.org/)
2012 - 2013	Mathematics Tutor, IWKZ e.V.
2011	Member of Education Department PPI Berlin e.V.

Language

Indonesian	Native
Germany & English	Intermediate