

EXPERIENCES



SITI HAMIDAH

PERSONAL PROFILE

Bachelor of Statistics at Padjadjaran University. I often analyze and solve the problems related to data through the statistics consultant, internship, and data science bootcamp. Active in various activities and organizations. Interested in the application of statistics and data analysis to big data.

EDUCATION

FORMAL

- Statistics, Padjadjaran University (Aug 2018 - Jan 2023)
- GPA : 3.67/4.00
- Thesis : "Measurement of Optimal Portfolio's Expected Shortfall Based on Copula-ARMA-GARCH"

NON-FORMAL

- 2017. Studied an English at Octora Course
- 2020, 2023. Studied data science and data analyst in DQLab course

SKILLS

- R Programming Language
- Python Programming Language
- PostgreSQL
- RapidMiner
- IBM SPSS
- Microsoft Office

CONTACT

Address:

Tarikotol, RT 002/RW 007, Kel. Nanggewer, Kec. Cibinong, Kab. Bogor

Phone:

089653905584

Email:

hamidahmidah805@gmail.com

LinkedIn:



Data Analyst Intern

PT. ASTRA INTERNATIONAL (Feb 2022 - Jul 2022)

- Assisted the team in the process of collecting ESG data from Astra Group.
- Managed the Astra Group database for compiling sustainability report purposes.
- Conducted an analysis of greenhouse gas and energy data for All Astra Affiliated Companies.
- Created the necessary visualizations based on the data.

Tools used : Ms. Excel, Google Slides

Data Science Bootcamp

PT. DIGITALISASI PEMUDA INDONESIA (Aug 2021 – Jan 2022)

Learning Materials:

- Analytical and Critical Thinking: Data Science Methodology, Version Control, Statistics, Data Mining, Supervised Learning, Unsupervised Learning, Semi-supervised Learning, Text Data, Image Data, Neural Network, Time Series, Association Rules, and Model Selection.
- Communication and Presentation Skill : Data and Database, Python, Dataframe (Pandas), Data Visualization, Machine Learning, Deep Learning, and Business Intelligence.
- Career Coaching and Mentoring : SQL, Database Programming, API, Data Preprocessing, Evaluation Metrics, and Artificial Intelligence.

Projects :

- Employee Promotion Classification
- Total Donations Prediction (Time Series Forecasting)
- Mizan Amanah Dashboard

Tools used : Python, Github, PostgreSQL, Google Data Studio, Google Slides

Data Scientist Intern

PT. BANK RAKYAT INDONESIA (Mar 2021 - Aug 2021)

- Provided data that is needed using SQL.
- Performed Exploratory Data Analysis (EDA).
- Reduce the error rate of time series forecasting (FBProphet method).

Tools used : Apache Spark, Python, Hive/Impala, Cloudera Data Sience Workbench

Business Analyst Intern

INDONESIA DIRECT (Feb 2021 - Apr 2021)

- Planned and presented several program that will be implemented by all divisions of Indonesia Direct.
- Conducted analysis of potential exporters.

Tools used : Draw.io, Ms. Excel, Ms. Power Point

Statistical Consultant

STUDENT CENTER (Oct 2019 - Oct 2021)

- Helped solve client's problems related to data and statistical methods.
- Taught statistics material inside and outside the statistics department.

Tools used : Rstudio, SPSS, Ms. Excel

ORGANIZATIONS

Staff of Sponsorship Division

STATISTICS NATIONAL SEMINAR AND OLYMPIAD

(Apr 2019 - Dec 2019)

- Responsible for finding the potential companies and making deals with them.

Staff of Relations and Communication Division

STATISTICS STUDENT ASSOCIATION (Jan 2018 - Jan 2019)

- Be a liaison inside and outside the statistics department.
- Organized the important events for the statistics department.
- Accommodated statistics students to find out information outside the department.

ACHIEVEMENTS AND AWARDS

Top 3 and Got a Scholarship from Data Science Independent Study

PT. Digitalisasi Pemuda Indonesia (2022)

Speaker at Himbio Helps for Tutorial

Event organized by the Biology Department (2020)

Speaker at FOKASI (Probability and Non-Probability Sampling)

Event organized by Forum Kajian Statistika (2020)

Top 25% International Mathematics and Computing Olympiad

University of Waterloo Canada (2018)



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN,
RISET, DAN TEKNOLOGI
UNIVERSITAS PADJADJARAN
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM

Jl.Raya Bandung-Sumedang Km 21 Jatinangor 45363 Tlp. 022-7797712 Fax. 022-7794545
<http://www.fmipa.unpad.ac.id> - email fmipa@unpad.ac.id

SURAT KETERANGAN LULUS

Nomor : 838/UN6.D.1/PK.05.00/2023

Dekan Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Padjadjaran, menerangkan
bahwa :

Nama : Siti Hamidah
Tempat, Tanggal lahir : Bogor, 3 Desember 1999
NPM : 140610180032

TELAH LULUS PROGRAM SARJANA (S-1)

Tanggal : 13 Januari 2023
Program Studi : Statistika
IPK : 3,67
Yudisium : Dengan Pujiyan

Keterangan ini diberikan atas permintaan yang bersangkutan selama Ijazah dalam proses
penerbitan dan berlaku sampai dengan 16 April 2023.

Jatinangor, 16 Januari 2023

an. Dekan

Wakil Dekan Bidang Pembelajaran,
Kemahasiswaan, dan Riset

Yudhie Andriyana, M.Sc., Ph.D.
NIP.197807222002121005





Sertifikat Credit Earning

diberikan kepada

NAMA : **SITI HAMIDAH**

NIM : 140610180032

PROGRAM STUDI : Statistika

ASAL PERGURUAN TINGGI : Universitas Padjadjaran

sebagai apresiasi telah mengikuti dan menyelesaikan kegiatan **CREDIT EARNING SATRIA DATA 2020**. Kepada yang bersangkutan diberikan pengakuan telah mengikuti mata kuliah STA381 Teknik Pembelajaran Mesin di Departemen Statistika FMIPA IPB dengan bobot 3 SKS dan memperoleh nilai/huruf mutu **A**

Bogor, 17 Oktober 2020

Wakil Rektor

Bidang Pendidikan dan Kemahasiswaan IPB



Ryati

Dr. H. Ryati Martianto, M. Si

NIP. 196403241989031004



MODUL CREDIT EARNING SATRIA DATA 2020

Credit earning adalah pengakuan SKS (satuan kredit semester) kegiatan mahasiswa di luar mata kuliah di program studi yang ditempuh. Program ini dilaksanakan untuk memberikan kesempatan kepada mahasiswa dari perguruan tinggi lain untuk mengikuti kegiatan akademik di IPB University sebagai host dari kegiatan SATRIA DATA 2020 dengan materi sebagai berikut:

A. Seri Kuliah Online

Narasumber	Institusi	Topik
Dr. Bagus Sartono, S.Si., M.Si.	Institut Pertanian Bogor	Pengantar Pembelajaran Mesin dan Unsupervised learning (part 1)
Rangga Pratama, M.Kom	Starcore Analytics	Pemanfaatan Pembelajaran mesin di bisnis
Dr. rer. pol. Dedy Dwi Prastyo	Institut Teknologi Sepuluh Nopember	Unsupervised Learning (Part 2)
Setia Pramana, PhD	Politeknik Statistika STIS	Pemanfaatan Pembelajaran Mesin pada Bidang Bioscience
Sri Astuti Thamrin, PhD	Universitas Hassanudin	Supervised Learning (Part 1)
Siti Mariyah, S.ST., M.T.	Politeknik Statistika STIS / BPS	Pemanfaatan Pembelajaran Mesin pada Official Statistics
Dr. R. Bagus Fajriya Hakim, M.Si.	Universitas Islam Indonesia	Supervised Learning (Part 2)
Yunanto Cahyo Putranto, M.Si.	Widam Food Company Qatar	Business Intelligence

B. Big Data Challenge

Mahasiswa melakukan praktikum secara berkelompok dalam Kompetisi Big Data Challenge. Kasus yang digunakan adalah klasifikasi hoax/bukan hoax pada informasi yang menyebar di media sosial dengan waktu penggerjaan 1 - 30 September 2020.

Plt. Kepala

Pusat Prestasi Nasional



Asep Sukmayadi, S.IP., M.Si.
NIP. 197206062006041001

Ketua Departemen
Statistika FMIPA IPB

Dr. Anang Kurnia
NIP. 197308241997021001

#DQLABPRJCTQPWTB

CERTIFICATE

OF COMPLETION

This Certificate is Proudly Presented to

Siti Hamidah

Has Completed in

Project Machine Learning for Retail with R: Product Packaging

Mar 25, 2023



#DQLABMLFCRPQBRPK

CERTIFICATE

OF COMPLETION

This Certificate is Proudly Presented to

Siti Hamidah

Has Completed in

Data Science in Finance: Credit Risk Analysis

Mar 25, 2023





HIMPUNAN MAHASISWA BIOLOGI
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM
UNIVERSITAS PADJADJARAN

No. 793/C/HIMBIO FMIPA UNPAD/X/2020

SERTIFIKAT

diberikan kepada :

Siti Hamidah

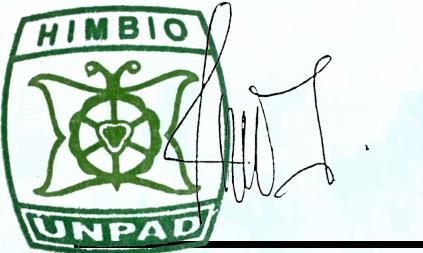
atas partisipasinya sebagai TUTOR MATA KULIAH BIOSTATISTIKA dalam kegiatan

Himbio Helps for Tutorial

Yang diselenggarakan pada 20 Oktober 2020 oleh Biro Akademik Departemen PP Aksl
Himpunan Mahasiswa Biologi Universitas Padjadjaran

Asri Peni Wulandari, M.Sc., Ph.D.
NIP 19650813 199002 2 002

Ketua Program Studi S1 Biologi
Fakultas Matematika dan Ilmu Pengetahuan Alam
Universitas Padjadjaran



Wildan Gerry Pratama
NPM 140410180069

Ketua Himpunan Mahasiswa Biologi
Universitas Padjadjaran

Nanindra Kinan Hapsari
NPM 140410190052

Penanggung Jawab



•SKOLAMERDEKA•

CERTIFICATE OF GRADUATION

THIS CERTIFICATE IS PROUDLY PRESENTED TO

Siti Hamidah

NUMBER: 92/SIB/GRD/DS-B/I/2022 DATE: JANUARY 28TH 2022

COURSE: DATA SCIENCE

In the acknowledgement of her hard work and dedication in completing "Studi Independen Bersertifikat (SIB) Kampus Merdeka on Indonesia 4.0: Digital Talent Development Program" by Digital Skola with **excellent grade**, from 23rd of August 2021 to 28th of January 2022.

A black ink signature of the name Aditya Soleh.

Aditya Soleh
Chief Executive Officer

A black ink signature of the name Qoriyana N.

Qoriyana N.
Class Associate Manager



INDONESIA 4.0: DIGITAL TALENT DEVELOPMENT PROGRAM

Nama : Siti Hamidah
No : 92/SIB/GRD/DS-B/I/2022
Tanggal : January 28th 2022

Indonesia 4.0: Digital Talent Development Program

No.	Topik Pembelajaran	Nilai	Deskripsi
1.	Analytics	100	Pada bagian ini mahasiswa mampu memahami materi yang terkait dengan analytics, yang meliputi metodologi data science, numpy, dataframe, statistik, visualisasi data, dan business intelligence.
2.	Data & Database	100	Pada bagian ini mahasiswa mampu memahami tentang data dan database, termasuk di dalamnya SQL dan version control.
3.	Python	100	Pada bagian ini mahasiswa mampu menguasai bahasa pemrograman python termasuk libraries yang digunakan.
4.	Statistics	100	Pada bagian ini mahasiswa mampu memahami dasar-dasar statistika yang digunakan pada domain data science.
5.	Data Visualization	100	Pada bagian ini mahasiswa mampu membuat visualisasi data secara efektif.
6.	Artificial Intelligence	90	Pada bagian ini mahasiswa mampu memahami cara penggunaan teknologi AI dan mampu mengimplementasikannya.
7.	Machine Learning	100	Pada bagian ini mahasiswa mampu membuat model machine learning sesuai kebutuhan.
8.	Soft Skill	90	Pada bagian ini mahasiswa mampu memahami bagaimana berkomunikasi secara efektif, memahami bagaimana melihat masalah dari sisi user serta memberikan solusi yang tepat, memahami bagaimana membuat CV yang efektif serta memahami bagaimana kesan yang baik pada saat diinterview.
9.	Dataset & Modelling Project	100	Pada bagian ini mahasiswa mampu mengerjakan project dataset yang diberikan serta membuat modelling-nya.





CLASS REPORT

Periode Penilaian (23 Agustus 2021 – 28 Januari 2022)



Siti Hamidah

Program Studi Statistika

Universitas Padjadjaran

Studi Independen Bersertifikat – Kampus Merdeka

Di PT. Digitalisasi Pemuda Indonesia

4.0: Digital Talent Development Program

Periode Program:

23 Agustus 2021 – 28 Januari 2022



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I. Rating System

Number	Rating Scale
91-100	Excellent
81-90	Great
71-80	Good
61-70	Fair
51-60	Poor
50-	Very Poor

Notes:

The **Rating System** indicates what rating will be given based on the results of the learning scores obtained (shown here as “Number”).

II. Detail Score Summary

Skill Set	Learning Modules	Score	Description
Hard Skill	Analytics	99	Excellent
	Data & Database	98	Excellent
	Python	99	Excellent
	Statistics	100	Excellent
	Data Visualization	100	Excellent
	Machine Learning	97	Excellent
	Artificial Intelligence	94	Excellent
Soft Skill	Design Thinking, Communication & Presentation Skill, HR Practice, Professional Branding	92	Excellent
Project	Dataset & Modelling Project I & II	96	Excellent
Final Score		94	Excellent

Dataset & Modelling Project I Title:

“Human Capital”

Dataset & Modelling Project II Title:

“Time Series & Forecasting Analysis of Online Donation”

Portfolio I:

https://bit.ly/Portofolio_HeptaScientist

Portfolio II:

<https://bit.ly/PortfolioII-HeptaScientist>

Notes:

Score consist of Hard Skill, Soft Skill and Dataset Project.

III. Hard Skill (1/5)

Modules	Session	Score
Analytics	<ul style="list-style-type: none"> • Introduction to Data Science • Data Science Methodology • Introduction to Numpy • Introduction & Basic Programming • Intermediate Dataframe I • Advanced Dataframe • Business Intelligence 	99
Data & Database	<ul style="list-style-type: none"> • Introduction to Data & Database • Basic SQL • Intermediate SQL • Advanced SQL • Versioning/Version Control • Database Programming • API 	98

III. Hard Skill (2/5)

Modules	Session	Score
Python	• Introduction to Python	99
	• Basic Programming I	
	• Basic Programming II	
	• Basic Programming III	
	• Basic Programming IV	
Statistics	• Basic Statistics	100
	• Intermediate Statistics	
	• Advanced Statistics	
Data Visualization	• Introduction to Data Visualization	100
	• Intermediate Data Visualization	
	• Advanced Data Visualization	



III. Hard Skill (3/5)

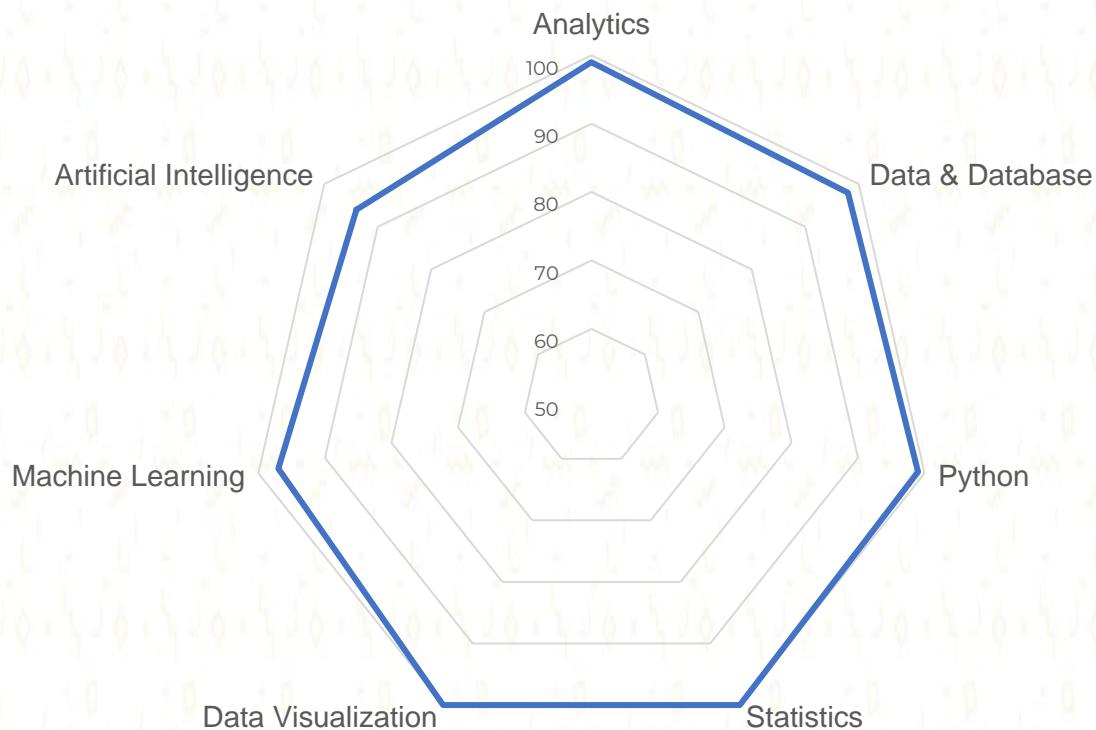
Modules	Session	Score
Machine Learning	<ul style="list-style-type: none">• Introduction to Data Mining• Introduction to Machine Learning• Data Preprocessing for ML (Python)• Advanced Data Preprocessing for ML (Python)• Classification I• Classification II• Regression• Unsupervised Learning• Evaluation Metrics & Model Selection• Advanced Machine Learning	97

III. Hard Skill (4/5)

Modules	Session	Score
Artificial Intelligence	<ul style="list-style-type: none">• Introduction to Artificial Intelligence• Advanced Data Preparation for Image• Advanced Data Preparation for Text• Neural Network• Classification for Text Dataset• Classification for Image Dataset• Time Series Forecasting• Unsupervised Learning• Semi-Supervised Learning	94



III. Hard Skill (5/5)



Analytics	: 99
Data & Database	: 98
Python	: 99
Statistics	: 100
Data Visualization	: 100
Machine Learning	: 97
Artificial Intelligence	: 94
Average Score	: 97



IV. Soft Skill (1/1)

Soft Skill Topics	Soft Skill Topics Score	Average Score
Professional Branding	83	
Analytical & Critical Thinking	100	
Communication & Presentation Skill	100	
HR Sharing	100	92

V. Dataset Project Score I (DP)

Process					Presentation		Dataset Project Score
ID	AN	DPr	DMo	EV	HK	SK	96
100	99	95	97	89	95	100	

- | | |
|---|--|
| <ul style="list-style-type: none"> • DP : Dataset Project • ID : Identify • AN : Analyze • DPr : Data Preprocessing | <ul style="list-style-type: none"> • DMo : Develop Modelling • EV : Evaluation • HK : Hard Skill • SK : Soft Skill |
|---|--|

V. Dataset Project Score II (DP)

Process						Presentation		Dataset Project Score
DU	DPre	DA	DPrep	DMo	DV	HK	SK	97
99	99	99	98	98	99	94	91	

- | | |
|--|--|
| <ul style="list-style-type: none"> • DU : Data Understanding • DPre : Data Preparation • DA : Data Analysis • DPrep : Data Preprocessing | <ul style="list-style-type: none"> • DMo : Develop Modelling • DV : Data Visualization • HK : Hard Skill • SK : Soft Skill |
|--|--|

V. Dataset Project Total Score (DP)

Process	Presentation	Dataset Project Score
97	95	96

Score Detail

A. Dataset Project Score

- Process : 70%
- Presentation : 30%

VI. Final Score

94

Congratulations!

You pass with "**Excellent**" grades.



Notes:

The **Score** shows the results of the score along with the rating scale obtained.

VII. Final Score Detail

Hard Skill	Soft Skill	Project
QZ + HW + LPR	Soft Skill QZ + PB	DP

Score Detail

A. Hard Skill

- Quiz (QZ) : 10%
- Homework (HW) : 15%
- Learning Progress Review (LPR) : 10%

B. Soft Skill

- Soft Skill Quiz (QZ) + Professional Branding (PB) : 25%

C. Project

- Dataset Project (DP) : 40%

Notes:

The **Score** shows the total average score that has been divided based on each weighted value.

