

# NIA FITRIA

Pekanbaru, Riau, Indonesia

+62856-5081-2305 | niafitria.connect@gmail.com

<https://www.linkedin.com/in/niaaaftr>

## SUMMARY

Fresh graduate with honors (Cum Laude) in Mathematics with a passion data enthusiast and strong in statistics and analytics. Experienced in statistical analysis, time series forecasting, and data modeling internship as Management Information System at PT Bank Rakyat Indonesia Tbk and internship at Badan Pusat Statistik Provinsi Riau as a Regional Data Analyst. President of Himpunan Mahasiswa Jurusan (HMJ) Matematika in 2024, managing programs and teams across departments. Skilled in Excel, SPSS, MySQL, R, GeoDa, EViews, Power BI, and Python. Known for being organized, analytical, problem solving, leadership, time management, proactive, and adaptable in fast-paced, risk-taker with strategic Judgment, data-driven environments.

## TECHNICAL SKILL

- Excel
- SPSS
- MySQL
- Python
- R
- GeoDa
- Microsoft Office
- Power BI

## SOFT SKILL

- Problem Solving
- Analysis
- Critical Thinking
- Risk Management
- Leadership
- Teamwork
- Adaptability
- Time Management

## WORK EXPERIENCES

### Data Intern - BRI Management Information System

*PT Bank Rakyat Indonesia (Persero) Tbk | Jan 2025 - July 2025*

- Cleaned and preprocessed large customer dataset using Microsoft Excel ensuring structured categorization, compliance, and data security in MySQL database.
- Protected sensitive information by applying data protection standards and preventing unauthorized access or digital threats.
- Analyzed financial data and business performance using Python, SPSS and R, transforming raw datasets into meaningful reports using Power BI that supported strategic decision-making and improved operational efficiency.
- Supported real-time monitoring of branch and employee performance ini dashboard using Power BI, enabling accurate and timely management reporting.

### Mathematics Tutor Freelance

*Quantum Operation Agency | Oct 2021 - July 2025*

- Trained high school students in advanced mathematical problem-solving, emphasizing logic and structured reasoning similar to analytical workflows.
- Mentored students for math olympiads, guiding them through abstract problem breakdown and systematic solution modeling.
- Created quantitative exercises simulating real-world analytical tasks, bridging the gap between math and applied data contexts.
- Developed effective teaching schedules and progress dashboards, strengthening planning and reporting skills.

### Regional Data Analyst Intern

*Badan Pusat Statistik Provinsi Riau | Oct 2024 - Dec 2024*

- Organized and archived regional census data to ensure accessibility, consistency, and data integrity.
- Structured census datasets into a relational database using MySQL to support efficient querying and reporting.
- Conducted statistical data analysis using Excel, SPSS, GeoDa, and R to extract trends and generate insights for regional development.

## Regional Data Analyst Intern

Badan Pusat Statistik Provinsi Riau | Jan 2024 - Feb 2024

- Organized and archived census data efficiently, ensuring accessibility and data integrity for regional economic analysis.
- Managed large-scale census datasets using MySQL, supporting database structuring and maintenance.
- Performed statistical analysis using Excel, SPSS, GeoDa, and R to identify patterns and support policy-related insights.
- Contributed to a published statistical journal titled "Hubungan Tenaga Kerja Formal dan Pengeluaran Perkapita Terhadap Kemiskinan: Studi Kasus Pulau Sumatera Perspektif 2019-2022".
- Developed short-form video content to support the agency's digital branding efforts, integrating data visualizations and digital marketing concepts.

## EDUCATION

### Bachelor of Mathematics (S.Si)

UIN Sultan Syarif Kasim Riau | Aug 2021 - Jan 2025

- GPA 3.54/4.00 (Cum Laude)
- Awardee of the Riau Provincial Government Achievement Scholarship.
- Relevant Courses: Statistics, Regression Analysis, Time Series, Sampling Techniques, Calculus, Linear Algebra, Operations Research.
- President of the Mathematics Student Association (2024).

### Publication

- Final Thesis: Poverty Analysis in Sumatera Island with Spatial Autoregressive (SAR) and Spatial Error Model (SEM).
- Hubungan Tenaga Kerja Formal dan Pengeluaran Perkapita Terhadap Kemiskinan: Studi Kasus Pulau Sumatera Perspektif 2019-2022.

### Academic Project

- **Time Series Forecasting:** Predicted BRILink transactions using ARIMA method.
- **Linear Regression:** Modeled the impact of UMP and formal employment on poverty in Sumatra (2022).

## ORGANIZATIONAL AND VOLUNTEER EXPERIENCE

### President - Himpunan Mahasiswa Jurusan (HMJ) Matematika (2024)

- Led 80+ members across 6 departments, overseeing planning, execution, and evaluation of academic and non-academic programs.
- Identified organizational risks and operational challenges, and implemented proactive solutions to prevent disruptions.
- Analyzed issues across divisions and facilitated data-driven decision-making to improve collaboration and program outcomes.
- Promoted a culture of structured teamwork, clear communication, and continuous improvement within the organization.

### Volunteer - SUN Inspires Society Batch 4, Karimunjawa (2023)

- Supported health campaigns by promoting dental care and raising awareness about stunting prevention in collaboration with medical professionals.
- Facilitated a nationwide book donation initiative and helped build mini-libraries to improve literacy access in local elementary schools.
- Led the design and implementation of a student math competition to foster critical thinking and problem-solving in a creative context.
- Contributed to the development of Batu Merah Beach as a tourist destination to increase local economic potential.
- Produced and appeared in promotional videos for Black Stone Beach, enhancing community branding through creative digital content.



UIN SUSKA RIAU

# CERTIFICATE OF ACHIEVEMENT

This acknowledge that

*Nia Fitria*

12150423151

has successfully completed this application course of

**PYTHON**

which has been carried out for 8 meetings in the Mathematics and Statistics Laboratory

Faculty of Science and Technology

Universitas Islam Negeri Sultan Syarif Kasim Riau

Pekanbaru, 21<sup>th</sup> November 2024

Dean of Faculty

of Science and Technology



**Dr. Hartono, M.Pd**

NIP. 19640301 199203 1 003

Head of Department of

Mathematics

**Wartono, M.Sc**

NIP. 19730818 200604 1 003



# **CERTIFICATE OF ACHIEVEMENT**

This acknowledge that

*Nia Fitria*

**12150423151**

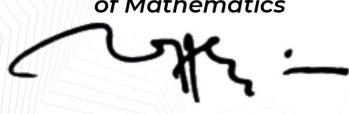
has successfully completed the application course of

**MICROSOFT OFFICE**

which has been carried out for 8 hours in the Mathematics and Statistics Laboratory  
Faculty of Science and Technology  
State Islamic University Sultan Syarif Kasim Riau

  
Dean of Faculty of  
Science and Technology  
**Dr. Drs. Hartono, B.A., M.Pd**  
NIP. 19640301 199203 1 003



Head of Department  
of Mathematics  
  
**Wartono, M.Sc**  
NIP. 19730818 200604 1 003



Nomor Ijazah Nasional : 201005442012025100020  
Nomor SK BAN-PT : 1940/SK/BAN-PT/Ak/PT/X/2024  
Nilai Akreditasi Institusi : Unggul



KEMENTERIAN AGAMA REPUBLIK INDONESIA  
UNIVERSITAS ISLAM NEGERI SULTAN SYARIF KASIM RIAU  
جامعة السلطان الشريف قاسم الإسلامية الحكومية ريارو  
STATE ISLAMIC UNIVERSITY OF SULTAN SYARIF KASIM RIAU

Dengan ini menyatakan bahwa

**Nia Fitria**

Lahir di Perdagangan, 8 Desember 2003

NIM : 12150423151

NIK : 1401044812030003

Telah menyelesaikan dengan baik dan memenuhi segala syarat pendidikan  
Program Studi Matematika  
Fakultas Sains dan Teknologi pada tanggal 14 Januari 2025

Oleh sebab itu kepadanya diberikan ijazah dan gelar :

**Sarjana Sains (S.Si.)**

Beserta hak dan kewajiban yang melekat pada gelar tersebut

Dekan

Dr. Hartono, M.Pd.  
NIP. 196403011992031003



Pekanbaru, 29 April 2025  
Rektor

Prof. Dr. Hairunas, M.Ag.  
NIP. 197208282006041002





KEMENTERIAN AGAMA REPUBLIK INDONESIA  
UNIVERSITAS ISLAM NEGERI SULTAN SYARIF KASIM RIAU  
FAKULTAS SAINS DAN TEKNOLOGI  
كلية العلوم و التكنولوجيا

UIN SUSKA RIAU

Jl. H.R. Soebrantas No. 155 KM. 15 Tuah Madani - Pekanbaru 28293 P.O.Box. 1004 Telp.(0761) 589026 - 589027  
Fax. (0761) 589 025 Web. www.uin-suska.ac.id, Email : faste@uin-suska.ac.id

TRANSKRIP AKADEMIK

Nomor : Un.04/F.V/PMM/PP.01.1/2025/18

Nama Mahasiswa : NIA FITRIA  
Nomor Induk Mahasiswa : 12150423151  
Nomor Ijazah Nasional : 201005442012025100020  
Tempat dan Tanggal Lahir : PERDAGANGAN / 08 Desember 2003  
Tanggal Bulan dan Tahun Kelulusan : 14 Januari 2025

Program Pendidikan Tinggi : S1  
Fakultas : Sains Dan Teknologi  
Program Studi : Matematika  
No SK BAN-PT : 021/SK/LAMSAMA/Akred/5/IV/2024  
Nilai Akreditasi Program Studi : UNGGUL

No	KMK	Mata Kuliah	SEMESTER I			
			N	B	K	NM
1	UIN2001	Aqidah Akhlak	A-	3.7	2	7.40
2	UIN2002	Bahasa Arab	A	4	2	8.00
3	UIN2008	Bahasa Indonesia	A-	3.7	2	7.40
4	PMM1101	Fisika Dasar	A-	3.7	2	7.40
5	PMM1102	Kalkulus I	B	3	4	12.00
6	PMM1105	Matematika Diskrit	B	3	3	9.00
7	UIN2007	Pancasila dan Pendidikan Kewarganegaraan	A-	3.7	2	7.40
8	PMM1106	Pengetahuan Asuransi	A	4	2	8.00
9	PMM1104	Praktikum Statistika Dasar	B+	3.3	1	3.30
10	PMM1103	Statistika Dasar	A-	3.7	3	11.10
Jumlah Total				23		81.00
Indeks Prestasi						3.52

No	KMK	Mata Kuliah	SEMESTER III			
			N	B	K	NM
1	PMM1317	Aljabar Linier Lanjut	A	4	3	12.00
2	PMM1321	Analisis Regresi	A	4	3	12.00
3	UIN2005	Fiqh	A-	3.7	2	7.40
4	PMM1315	Kalkulus III	A	4	3	12.00
5	PMM1318	Matematika Keuangan	B	3	3	9.00
6	PMM1319	Pemrograman Komputer Lanjut	C+	2.3	2	4.60
7	PMM1320	Pemrograman Linier	A	4	3	12.00
8	PMM1314	Teori Bilangan	A-	3.7	2	7.40
9	PMM1316	Teori Probabilitas	B+	3.3	3	9.90
Jumlah Total				24		86.30
Indeks Prestasi						3.60

No	KMK	Mata Kuliah	SEMESTER V			
			N	B	K	NM
1	PMM1530	Aktuaria Syariah	B	3	3	9.00
2	PMM1529	Analisis Real	B+	3.3	3	9.90
3	PMM1504	Kapita Selekt	B+	3.3	2	6.60
4	PMM1532	Matematika Keuangan Syariah	B	3	3	9.00
5	PMM1531	Metode Numerik	B+	3.3	3	9.90
6	PMM1535	Metodologi Penelitian	A	4	2	8.00
7	PMM1534	Persamaan Diferensial Parsial	A-	3.7	3	11.10
8	PMM1505	Quality Control	A	4	2	8.00
9	PMM1533	Riset Operasi	B+	3.3	3	9.90
Jumlah Total				24		81.40
Indeks Prestasi						3.39

No	KMK	Mata Kuliah	SEMESTER VII			
			N	B	K	NM
1	UIN2009	Kuliah Kerja Nyata	A	4	4	16.00
2	PMM1739	Tugas Akhir 1	A	4	3	12.00
3	PMM1840	Tugas Akhir 2	A	4	3	12.00
Jumlah Total				10		40.00
Indeks Prestasi						4.00

No	KMK	Mata Kuliah	SEMESTER VI			
			N	B	K	NM
1	PMM3611	Analisis Survival	B+	3.3	3	9.90
2	FST2002	Kerja Praktek	A	4	2	8.00
3	PMM1636	Pemodelan Matematika	B+	3.3	3	9.90
4	FST2001	Sosiologi	A	4	2	8.00
5	PMM1637	Statistika Matematika	A-	3.7	3	11.10
6	PMM3610	Statistika Multivariat	B	3	3	9.00
7	PMM1638	Time Series Analysis	C+	2.3	2	4.60
Jumlah Total				18		60.50
Indeks Prestasi						3.36

No	KMK	Mata Kuliah	SEMESTER VIII			
			N	B	K	NM
Jumlah Total				0		0.00
Indeks Prestasi						

JUDUL SKRIPSI : Analisis Kemiskinan di Pulau Sumatera Menggunakan Spatial Autoregressive (SAR) dan Spatial Error Model (SEM)

NILAI MUTU KUMULATIF : 512.80  
KREDIT KUMULATIF : 145 SKS  
INDEKS PRESTASI KUMULATIF : 3.54  
PREDIKAT KELULUSAN : CUMLAUDE

KETERANGAN

NIM = NOMOR INDIK MAHASISWA  
KMK = KODE MATA KULIAH  
N = NILAI  
B = BOBOT  
K = KREDIT  
NM = NILAI MUTU







BADAN NASIONAL  
SERTIFIKASI PROFESI  
INDONESIAN PROFESSIONAL  
CERTIFICATION AUTHORITY



## SERTIFIKAT KOMPETENSI CERTIFICATE OF COMPETENCE

**No. 62090 2431 3 0137407 2025**

Dengan ini menyatakan bahwa,  
*This is certify that,*

**Nia Fitria**

**No Reg. MKT 1565 22096 2025**

Telah kompeten pada bidang:  
*has been competence in the area of:*

**Digital Marketing**  
*Pemasaran Digital*

Dengan Kualifikasi / Kompetensi:  
*With Qualification / Competency:*

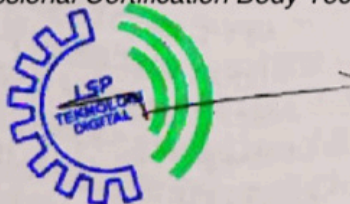
**Pemasaran Digital**

Sertifikat ini berlaku untuk: 3 (tiga) Tahun  
*This certificate is valid for: 3 (three) Years*

Yogyakarta, 15 April 2025

Atas Nama Badan Nasional Sertifikasi Profesi  
*On Behalf of Indonesian Professional Certification Authority*

Lembaga Sertifikasi Teknologi Digital  
*Professional Certification Body Technology of Digital*



**Ir. Gunawan Ramli, M.Kom**  
Direktur (Director)



**Daftar Unit Kompetensi**  
*List of Units(s) of Competency*

NO	Kode Unit Kompetensi <i>Code of Competency Unit</i>	Judul Unit Kompetensi <i>Title of Competency Unit</i>
1	M.70MKT00.010.2	Mengolah Data Riset
2	M.70MKT00.013.1	Melaksanakan Kegiatan Analisis di Media Sosial dan Media Bisnis Digital
3	G.46RIT00.055.1	Melakukan Aktivitas Pemasaran Digital untuk Bisnis Ritel
4	M.70MKT00.012.1	Menggunakan Media Sosial dan Aplikasi Daring (Online Tools)
5	M.70MKT00.014.1	Mempersiapkan Konten Digital
6	M.70MKT00.015.1	Mengoptimalkan Pengelolaan Media Sosial dan Rencana Aplikasi Digital
7	M.70MKT00.017.1	Melaksanakan Kegiatan Promosi Merek
8	J.63OPR00.001.2	Menggunakan Perangkat Komputer
9	M.70MKT00.033.1	Mengembangkan Pengetahuan Produk (Barang/Jasa)
10	J.63OPR00.007.2	Menggunakan Penelusur Situs Web
11	M.70MKT00.009.2	Merencanakan Riset Terhadap Sebuah Produk dan/atau Merek

Yogyakarta, 15 April 2025

Atas nama Badan Nasional Sertifikasi Profesi  
*On Behalf of Indonesian Professional Certification Authority*  
**Lembaga Sertifikasi Profesi Teknologi Digital**  
*Professional Certification Body Technology of Digital*



**Nia Fitria**  
Tanda tangan pemilik  
*(Signature of holder)*

**Roy Buana**  
Manajer Sertifikasi  
*(Manager of Certification)*