

Ferdian Fadly

Statistician

Curriculum Vitae

Wednesday 13th December, 2023



Department of Statistical Analysis, BPS-Statistics Indonesia



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Education

2022	Master of Statistics GPA: 6.5/7 equal to 3.81/4	The Australian National University (ANU), Australia
2011	Bachelor of Applied Science (Statistics) GPA: 3.57/4	Institute of Statistics Jakarta, Indonesia

Teaching Experience

2023	MST3106 - Panel Data Analytics Collaboration with Arisman Adnan, Ph.D and Anne Mudya, M.Si	University of Riau
2022	STAT7055 - Introductory Statistics For Business and Finance Supervised by Dr. Gen Nowak	The Australian National University (ANU)
2022	STAT1008 - Quantitative Research Methods Supervised by Dr. Yuan Gao	The Australian National University (ANU)

Research Experience

2020 - present	Research Fellow A part of the Mata Garuda actualized as a professional, independent, and credible forum to oversee the research and analysis interests of The Indonesia Endowment Fund for Education (LPDP) awardees	Mata Garuda Institute
2021 - 2022	Committee of Department of Research Contribute to the discussion of contemporary issue in Indonesia through research and campaign	ANU Indonesian Student Association (ANUISA)

Working Experience

2017 - 2020	Statistician Compute and analyze the Gross Domestic Regional Products for Riau Province	BPS-Statistics Indonesia (Riau Province)
2012 - 2017	Statistician Compute the Export and import components for Gross Domestic Products by Expenditure	BPS-Statistics Indonesia (Jakarta)
2012	Statistician Intern Contribute to conducting the Input-Output Table for Construction Sector 2010	BPS-Statistics Indonesia (Jakarta)

Leadership Experience

2009	Vice Chairman of Field Practice Responsible for Analysis, Method, and Questionnaire Departments in South Sumatera	Institute of Statistics Jakarta, Indonesia
2008	Head of Design at Media Society Designing and Layouting the Monthly University News	Institute of Statistics Jakarta, Indonesia
2008	Vice Chairman of Art Community Conducting an art, band, or music performance at University	Institute of Statistics Jakarta, Indonesia

Honors and Awards

2022	Top AEA Student Prize The best student who achieve the highest score in Biostatistics in Australia	Australasian Epidemiological Association, Australia
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2022	3rd Winner of the Data Mining Competition The Local Government Budget Data Mining Competition	Ministry of Finance, Indonesia
2020	Best Paper National Writing Competition Title: The effects of Human Mobility Restriction During Covid-19 Pandemic to Indonesia's Economy	Ministry of Finance (Kemenkeu-BKF)
2019	Fully Funded Scholarship from LPDP (Awardee PK-169) Study at The Australian National University (ANU)	Ministry of Finance, Indonesia
2010	2nd Winner of National Statistics Competition Statistika Ria	Bogor Agricultural Institute (IPB), Indonesia
2007 - 2011	Fully Funded Scholarship for Applied Science Study at Institute of Statistics Jakarta (STIS)	BPS-Statistics Indonesia

Speaker Experience at Conference

2022	ANU Student Research Conference Title: The impact of Covid-19 in on Australia's Economy using SARIMA Model	The Australian National University, Australia
2022	Indonesian Student International Conference (KIPPI) Title : Role of Internet Access on Poverty Alleviation Using Bayesian Approach	Indonesian Student Association in Australia (PPIA), Australia
2023	Sharing Knowledge Title : Introduction to Big Data and Machine Learning for Supporting Official Statistics and SDGs	BPS-Statistics Indonesia, Pekanbaru, Riau, Indonesia

Skills

Programming Language	R, Python
Statistical Softwares	R, Python, Eviews, Stata, SPSS, Tableau, Ms. Excell
Others	Adobe Photoshop, Adobe Illustrator, Adobe Indesign

Courses at ANU

Sem I 2021	Biostatistics In Population Health
Sem I 2021	Econometrics Methods and Modellings
Sem I 2021	Regression Modelling
Sem I 2021	Principles of Mathematical Statistics
Sem II 2021	Graphical Data Analysis
Sem II 2021	Generalised Linear Models
Sem II 2021	Introduction to Bayesian Data Analysis
Sem II 2021	Introduction to Stochastic Processes
Sem I 2022	Applied Time Series Analysis
Sem I 2022	Design of Experiments and Surveys
Sem I 2022	Statistical Learning
Sem I 2022	Statistical Inference
Sem II 2022	Advanced Statistical Learning
Sem II 2022	Programming for Scientists
Sem II 2022	Applied Microeconometrics
Sem II 2022	Big Data Analysis

Other Courses related to Statistics/ Data Science

Oct 2022	Principles of Data Visualization for Official Statistics and SDGs Indicators	United Nations (UN-Siap)
Jan 2023	Principles of Machine Learning for Official Statistics and SDGs Indicators	United Nations (UN-Siap)

Publications

2021	The Effects of Human Mobility Restriction During Covid-19 Pandemic to Indonesia's Economy Kajian Ekonomi dan Keuangan (KEK) Badan Kebijakan Fiskal	Journal
2020	Regional Statistics of Riau Province Badan Pusat Statistik Riau	Book
2020	The Online Survey Result of the Socio-Economic Conditions of Riau People During the Adaption of New Habits Badan Pusat Statistik Riau	Book
2020	Determinant of Poverty in Riau Province Badan Pusat Statistik Riau	Book
2020	An Approach to Measure the Death Impact of Covid-19 in Jakarta using Autoregressive Integrated Moving Average (ARIMA) Unnes Journal of Public Health	Journal
2020	Pemodelan Tingkat Pengangguran Terbuka di Pulau Sumatera Dengan Menggunakan Regresi Non-parametrik Spline Jurnal Sains Matematika dan Statistika	Journal
2019	Pemanfaatan Jaminan Kesehatan Nasional (JKN) Tahun 2018 di Provinsi Riau Jurnal Kesehatan Indonesia	Journal
2019	Pengaruh Pariwisata Terhadap PDRB Tanpa Migas di Pulau Sumatera Menggunakan Metode Regresi Data Panel Jurnal Sains Matematika dan Statistika	Journal
2021	Dua alasan mengapa pemerintah perlu menambah bantuan sosial tahun 2021 bukan malah memotongnya The Conversation	Article
2011	The Role of Economic Growth and Government Intervention in Fiscal Against Poverty, Unemployment and Inequality Income Distribution in Indonesia Period 2005 - 2008 Sekolah Tinggi Ilmu Statistik (STIS)	Thesis

Other Workshops/Trainings

Feb-Mar 2018	Integrated Economic Statistics to Support 2008 SNA Implementation United Nations - UNSIAP
Oct-Nov 2017	System of Environmental - Economi Accounting (SEEA) Central Framework United Nations - UNSIAP
Jun 2015	Full Sequence of Accounts (FSA) Australian Bureau of Statistics
Nov 2014	IMF SAB/FSA International Monetary Funds (IMF)
Nov 2013	Supply Use Benchmark Australian Bureau of Statistics
Nov 2013	Income Accounts and Supply Use Table Australian Bureau of Statistics
Sep 2013	Workshop Computable General Equilibrium (CGE) BPS- Statistics Indonesia
Sep 2013	Producer Price Index Statistic International Monetary Funds (IMF)
April 2013	Supply Use Tables Training Australian Bureau of Statistics
April 2013	GDP Income and Income Accounts training Australian Bureau of Statistics
Jan 2013	Gross Fixed Capital Formation and Capital Accounts Australian Bureau of Statistics
Nov 2012	Supply Use Tables Australian Bureau of Statistics