2024/2025 SESSION				
SEMESTER I				
No.	**Name**	**Student ID**	**Research Title**	**Supervisor**
1	Xu Yuan	22052533/1	Comparative Study of Support Vector Machine and Naïve Bayes on Text Classification Based on the Latent Dirichlet Allocation Topic Model	Assoc. Prof. Dr. Adriana Irawati Nur Ibrahim
2	Nursyafiqah Nabilah Binti Tamrin	22052592/1	Survival Analysis of Cirrhosis Patients: Identifying Key Prognostic Factors Using Cox Proportional Hazards and Kaplan-Meier Models	Dr. Nur Anisah Mohamed
3	Chen Danyang	22086079/1	Multinomial and Ordered Logistic Regressions to Investigate Factors Associated with Accidents at Junctions in United Kingdom	Assoc. Prof. Dr. Rossita Mohamad Yunus
4	Jing Yang	22086265/1	Factors Influencing Chinese Women's Subjective Well-Being: A Study Based on Chinese General Social Surve 2021 Data	Assoc. Prof. Dr. Rossita Mohamad Yunus
5	Zongxin Zhang	22090369/1	Predicting Question Types in International Oral English Tests: A Machine Learning Approach to Improve Chinese Students' Preparation	Dr. Nur Anisah Mohamed
6	Duan Chenyao	22090842/1	Forecasting Carbon Prices in Guangdong Province Using a Hybrid CNN-LSTM Model	Prof. Dr. Ng Kok Haur
7	Xue Shuyi	22095389/1	A Wrapped Poisson-Modified Lindley Distribution with Applications	Dr. Ng Choung Min
8	Chai Xiaomo	22096524/1	Forecasting Bitcoin Price (2013-2024) Using a Hybrid GARCH-LSTM Model	Assoc. Prof. Dr. Adriana Irawati Nur Ibrahim
9	Zhang Xueya	22096727/1	Modelling ASX200 Volatility and Return Using Two-Stage CARR-Return Models	Prof. Dr. Ng Kok Haur

10	Bi Yu	22098028/1	A Comparative Study on the Impact of Physical Activity and Social Participation on the Mental Health of the Elderly in Urban and Rural China	Assoc. Prof. Dr. Rossita Mohamad Yunus
11	Zhao Shiyue	22100380/1	Two-year Financial Crisis Prediction: A Logistic Regression Model for Chinese A-Share Companies	Dr. Nur Anisah Mohamed
12	An Yiduo	22101011/1	Assessing Climate Impact on Dengue Cases in Kaohsiung, Taiwan	Assoc. Prof. Dr. Rossita Mohamad Yunus
13	Xiaxuan You	22102090/1	Clustering and Hazard Analysis of Shallow Earthquakes in Indonesia (2022) Using K-Means and K-Medoids	Dr. Nur Anisah Mohamed
14	Ding Yunyi	22106599/1	Exploring Bivariate Negative Binomial INGARCH Model	Dr. Ng Choung Min
15	Hei Xin	22107450/1	Parental Involvement, Academic Engagement, and Adolescent Academic Achievement in China During the COVID-19 Pandemic	Dr. Nur Anisah Mohamed
16	Li Tianqi	22109199/1	Bootstrap Generalized Beta Distribution of the First Kind Percentiles Control Chart for Monitoring Proportion Data	Prof. Dr. Ng Kok Haur
17	Shaoqing Hong	22109904/1	Modeling Volatility and Covariance Between Chinese Carbon and Stock Markets: A Multivariate GARCH Approach	Prof. Dr. Ng Kok Haur
18	Hong Haomiao	22111227/1	Predicting Space Debris Lifetime Using Generalized Linear Model (GLM) and Machine Learning Approaches	Dr. Nur Anisah Mohamed
19	Lim Hui Ru	22115057/1	Regression Modeling of Unemployment Rate in Malaysia	Assoc. Prof. Dr. Rossita Mohamad Yunus
20	Wu Zhoulin	22121506/1	Forecasting Volatility: A Hybrid GARCH-LSTM Model with Applications	Prof. Dr. Ng Kok Haur
21	Jing Bofan	23051169/1	A Study on Exchange Rate Volatility Characteristics and Dynamic Relationships	Dr. Koh You Beng
22	Tee Tian En	23057217/1	Statistical Inference Using a Probability Generating Function-Based Jensen-Shannon Divergence	Dr. Ng Choung Min

23	Yao Yuxin	23057544/1	Assessing the Effects of Outlier Correction in Markov-Switching Volatility Models: Evidence from Apple Inc.	Dr. Koh You Beng
24	Matthew Philippe Liu Man Hin	S2023385/1	Parameter Estimation Using Copula Function-Based Jeffreys Divergence	Dr. Ng Choung Min
25	Rahmah Binti A Ghani	22053440/1	Gold Price Forecasting Using Machine Learning: Comparative Model Analysis and Interpretability with Shapley Additive Explanation (SHAP)	Assoc. Prof. Dr. Adriana Irawati Nur Ibrahim
26	Yijing Zhong	22087740/1	Prediction of Bitcoin Prices with Key Factors Using Hybrid Approaches: A Comparative Study with Machine Learning Models	Prof. Dr. Ng Kok Haur & Dr. Koh You Beng
27	Lim Yen Wee	S2167588/1	Enhancing GARCH-MIDAS Model Estimation with Machine Learning: Integrating Short-Term Volatility and Long-Term Macroeconomic Indicators	Prof. Dr. Ng Kok Haur
SEMESTER II				
1	Teo Xin Yang	17202966/2	On the Use of the SMOTE-NC Method for Simulating Synthetic Fraudulent Transaction Data	Assoc. Prof. Dr. Khang Tsung Fei
2	Tee Teik Keat	22087080/1	Introducing Roughness into Heterogeneous Autoregressive Volatility Models	Dr. Koh You Beng
3	Wu Ting	22092366/1	Analysis of Tax Revenue in Zhejiang Province Based on the ARIMAX Model	Assoc. Prof. Dr. Adriana Irawati Nur Ibrahim
4	Mak Siow Hui	22093337/1	Predictive Analytics for High-Rise Residential Property Prices in Malaysia	Assoc. Prof. Dr. Khang Tsung Fei
5	Shen Xin	22120130/1	Classification Analysis Based on Stock Data Characteristics	Dr. Dharini A/P Pathmanathan
6	Loh Xue Er	23060099/1	Comparison of Forecast Reconciliation Combined with Different Clustering Methods in Improving Out-of-Sample Forecasts of Stock Price Indices	Dr. Dharini A/P Pathmanathan
7	Lim Han Yig	23064259/1	Compositional Data Analysis for Modelling and Forecasting Mortality Using the α-Transformation	Dr. Dharini A/P Pathmanathan

8	Wang Xuan	23075460/1	Goodness-of-Fit Test Using the Probability Generating Function-Based BHHJ Divergence	Dr. Ng Choung Min
9	Syed Muhammad Firdaus Syed Nasirin	24056577/1	Discounted Mean Square Forecast Error Combinations fo GARCH Type Models in Financial Time Series Forecasting	Prof. Dr. Ng Kok Haur
10.	Loh Jia Jun	S2192045/1	Environmental Sound Classification with Decision Tree Models	Assoc. Prof. Dr. Khang Tsung Fei