

Systems Analysis & Design
Semester 2025-I
Team Competence Publication

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Team Competence Assignment

Each team is assigned a completed Kaggle competition focused on **simple structural classification or regression**. For each team, the assigned competence is listed below. Please ensure that the selected competition is suitable for introductory machine learning tasks (e.g., binary classification, multiclass classification, or regression with tabular data).

Team Competence Table

Team	Kaggle Competition	Competence Type	Students
1	Titanic: Machine Learning from Disaster	Binary Classification	Mauricio Cepeda Julián Carvajal Andrés Ramos Jhonatan Moreno
2	House Prices: Advanced Regression Techniques	Regression	Juan Zárate Jesús Munevar Kevin Rincón Juan Romero

Carlos Andrés Sierra, Computer Engineer, M.Sc. in Computer Engineering, Titular Professor at Universidad Distrital Francisco José de Caldas.

Any comment or concern about this document can be sent to Carlos A. Sierra at: *cavir-guezs@udistrital.edu.co*.

3	Otto Group Product Classification Challenge	Multiclass Classification	Jeison Cuenca María Ortiz Juan Mosquera Juan Lozada
4	IEEE-CIS Fraud Detection	Binary Classification	Luis Ramírez Santiago Marín Leonardo Rodríguez Davidson Sánchez
5	Forest Cover Type Prediction	Multiclass Classification	Anderson Bonilla Nicolás Martínez Gabriel Gutiérrez Jean Contreras
6	Mechanisms of Action (MoA) Prediction	Multiclass Classification	Laura Pardo Sofía Florez Ángela Puentes Carlos Rojas
7	COVID19 Global Forecasting	Regression	Dilan Triana David Sánchez Daniel Castro Santiago Vargas
8	CIBMTR - Equity in post-HCT Survival Predictions	Binary Classification	Juan Moreno Juan Otálora Sergio Moreno Sergio Mendivelso
9	Loan Default Prediction	Regression	Juan Ávila Juan León Miguel Hernández Juan Díaz
10	Microsoft Malware Prediction	Binary Classification	Nicolás Ortiz Sebastián Pardo Juan Orduz Yuneider Parada
11	WSDM - KKBox's Music Recommendation Challenge	Binary Classification	Henry Osorio Miguel Chávez Juan Jiménez Daniel Cuellar
12	Web Traffic Time Series Forecasting	Regression	Yader Quiroga Edison Álvarez Johan Beltrán Julián Celis

13	Google Brain - Ventilator Pressure Prediction	Regression	Juan González Joel Pérez Santiago Chavarro Cristian Parroquiano
14	Psychopathy Prediction Based on Twitter Usage	Regression	David Bejarano David Ávila David Sánchez Raúl Díaz
15	PAKDD 2014 - ASUS Malfunctional Components Prediction	Multiclass Classification	David Muñoz Julián Romero Daniel Vargas Juan Moreno
16	Global Energy Forecasting Competition 2012 - Wind Forecasting	Regression	Sebastián Trujillo Angelo Ruano Tomás Cárdenas Arlo Ocampo
17	Global Energy Forecasting Competition 2012 - Load Forecasting	Regression	Andrés Correa David Téllez Ana Roa Daniela Bustamante
18	Data Mining Hackathon on BIG DATA (7GB) Best Buy mobile web site	Multiclass Classification	Jean Mora Melisa Maldonado Luis Suárez Juan Martínez
19	Sweet Regression: Prediction of Chocolate Sales	Regression	Juan Álvarez David Aldana Carlos Barriga Samuel Aljure
20	Child Mind Institute — Problematic Internet Use	Multiclass Classification	Mauricio Baes Isabel Sánchez Bettsy Garcés Luis Rojas
21	GoDaddy - Microbusiness Density Forecasting	Multiclass Classification	Geraldine Vargas Daniel Gómez Julián Cabrera Andrés Vargas

22	American Express - Default Prediction	Multiclass Classification	Luis Suarez Eddy Linares Stevens Llanos Germán Aya
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