GOBERNACIÓN DE ANTIOQUIA
República de Colombia

Medellín, November 2026

To whom it may concern,

I supervised Valentina Vanegas Aristizábal's day-to-day work during her internship at the Administrative Department of Planning of the Government of Antioquia, from February to June 2026, and I am glad to recommend her for graduate programs, scholarships and professional roles.

Day to day, Valentina stood out for her rigor. She applied her training in mathematics, microeconomics and econometrics with ease, and she always asked what the data actually said before drawing conclusions. At the same time, she kept looking for new tools to do the work better: she built the department's Power BI dashboard of the Sisbén social registry by municipality, covering 2021 to 2026, and automated the Python processing that feeds it.

What struck me most was the way she communicates. Valentina did not just produce figures: she designed new charts and visual representations so that surveys and their results were easy for non-technical colleagues to understand and use, and she turned static reports into dynamic tools the team could explore on its own.

She is a person of integrity, careful about quality and full of initiative. Her research topic—when an AI agent checks the truth with its tools and when it simply agrees with the user—fits the way I saw her work: with real data, with method, and never settling for the first answer.

I recommend her with enthusiasm. You can contact me at Hector.Romero@antioquia.gov.co.

Sincerely,

**Héctor Mauricio Romero Romero**
Administrative Department of Planning
Government of Antioquia, Colombia
Hector.Romero@antioquia.gov.co