

# Naomi Padilla Mora

📍 Tlalnepantla de Baz, Estado de México

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🔗 <https://github.com/NaomiPadillaM>

## Education

**Engineering in Data Science and Maths,**  
*Instituto Tecnológico de Estudios Superiores de Monterrey*

2020 – 2024

**Bicultural Baccalaureate, Prepa Tec**

2017 – 2020

## Languages

**Spanish** ● ● ● ● ●  
*Native*

**English** ● ● ● ● ●  
*Pearson B2 2019*

## Skills

Microsoft Office, Python,  
Python for data science, Machine Learning,  
Data Visualization, SQL, R

## Extracurriculars

**Vice-president, SAIDM**

2022

Society of Engineering Students in Data Science and Mathematics. Creation of projects, collaborative and integration activities, academic and work projects for the students of the career.

**Finance coordinator, Hormigas**

2021 – present

Student social action group. We support more than 35 families in vulnerable situations in the State of Mexico through many projects such as collections and/or donations.

## Profile

Passionate about programming and new technologies. Dedicated and persevering in the academic, work and personal area. Always ready to learn new things and adapt. I enjoy project development and teamwork by making use of effective communication.

## Projects

**FEMSA Challenge,**

*cleaning and data visualization*

10/2021

Exploratory analysis of compression and cooling machines applying student *t-test*, *Anova* and *Random Forest* to predict the energy used per day throughout the plant.

**Coppel Challenge, Route Optimization**

04/2022

Development of automated model to generate the best possible routes for *e-commerce* deliveries considering the number of vehicles, volume and delivery times.

**Beautiful Patterns, Basic HTML**

01/2022

Online camp winter edition of intensive teaching on web programming for young women from 11 to 14 years in collaboration with *Massachusetts Institute of Technology (MIT)*. Facilitator.

**Beautiful Patterns, Advanced Python**

06/2022

Camp summer edition of intensive teaching on *python* for young women from 11 to 17 years in collaboration with *Massachusetts Institute of Technology (MIT)*. Instructor.

## Experience

**Artec, Social service**

02/2022 – 06/2022

Project to support local crafts through outreach and events.