

MILLION

Data Science Test – Practice

Tools Allowed:

- Python
- PyTorch
- NumPy
- Pandas
- LLM

Scenario:

Million Luxury, a leading real estate company, is launching major new projects in Miami. High customer demand has overwhelmed the assistance teams with inquiries, diverting attention from essential tasks such as contract management and email communications.

To address this, Million Luxury requires a Python-based solution capable of processing textual documentation, enabling users to query the content and receive precise answers from the system.

Bonus Requirement:

Implement functionality to read and extract information directly from PDF files.

Send the solution with the project in a zip file or upload it to GitHub or another similar site. If necessary, specify the steps to run the project after downloading it.

Please grant access to the following email addresses:

- hr@millionluxury.com
- amorau@millionluxury.com

Document:

UNA CLUB

PRICE RANGE

Starting at \$4,500,000

AMENITIES

THE BUILDING

Featuring two towers and 62 floors with 352 lavish residences, from 2 to 5 bedrooms spanning between 1,785 and 10,000 Sq. Ft.

Private beach amenities include cabanas, chaise lounges, and umbrellas.

Children / teen's club.

DEVELOPER

Developed by Fortune International and Château Group.

ARCHITECTURE

A unique and luxurious design by Arquitectonica.

Dog park and pet spa on-site.

Pools - club members pool, tower pool, lap pool.

Spa concierge.

Private secluded areas.

INTERIOR DESIGN

Splendid interiors by Patricia Anastassiadis.

COMPLETION DATE

The South Tower will be delivered in 2027 and the North Tower will be delivered in 2029.

LOCATION

The project will be in Sunny Isles Beach, right on Miami's celebrated Collins Avenue. This prime address will position residents among numerous popular entertainment venues, plus it's just minutes away from Aventura, Bal Harbour, and the Fort Lauderdale Airport.

Outdoor wellness & relaxation terrace with plunge pools.

Signature restaurant open to the public with bar lounge & private dining room.

Oceanfront terrace dining & lounge.

Multi-purpose events lawn & pavilion.

The business club features a John Jacob Astor boardroom, private offices, a conference room, co-working spaces, and a trading room.

Mezzanine with private dining areas with chef's kitchen and prep area.

BRICKELL HOME LUXURY

PRICE RANGE

Starting at \$8,000,000

AMENITIES

THE BUILDING

This modern 25-story tower features 56 spacious oceanfront residences from 3 to 8 bedrooms and floorplans from 3,300 to 12,600 Sq. Ft.

DEVELOPER

Developed by Related Group and Two Roads Development.

Signature restaurant exclusive to residents

Curated social spaces

Resort-style pools

Outdoor spa

Poolside services

ARCHITECTURE

Designed by Skidmore, Owings & Merrill - SOM, one of the world's top architectural firms.

Pickleball court

State-of-the-art fitness areas

INTERIOR DESIGN

Unique interior spaces thanks to Rottet Studio.

VR simulators

COMPLETION DATE

The condominium is expected to be ready for delivery by 2026.

LOCATION

Bal Harbour was born of a vision of infinite possibility, making it an internationally renowned destination. Today, Bal Harbour is among the most elegant, exclusive, and sought-after beach destinations in South Florida.

BRICKELL HOME LUXURY

PRICE RANGE

Starting at \$4,500,000

AMENITIES

Signature oceanfront restaurant by a celebrated chef exclusive to residents.

THE BUILDING

A single tower featuring 73 luxurious residences through 17 levels. From 2 to 4 bedrooms, spanning between 2,100 to 6,700 square feet.

Beachside swimming pool and outdoor spa with sunbeds and cabanas.

DEVELOPER

Developed by Mast Capital.

ARCHITECTURE

A contemporary and harmonious design by OMA.

INTERIOR DESIGN

Premium-quality interiors and curated finishes by Tara Bernerd.

Beachside food and beverage service.

Direct entry to the dedicated beach equipped with lounge chairs, umbrellas, and service.

Sprawling conservatory offering daily breakfast bar.

Stylish cocktail lounge and speakeasy.

Dramatic double-height lobby with open lounge area.

COMPLETION DATE

The condominium is expected to be ready for delivery by 2026.

Luxury guest suites for friends and family.

Sunrise lounge with catering kitchen for entertaining and events.

LOCATION

Characterized by its signature Art Deco style in plenty of locations, Miami Beach contains more than 800 architecturally protected buildings and hotels from the 1930s and 1940s. A city to enjoy the finest of dining, nightlife, spas, and beaches, or to visit the Haulover Park for fishing, bike rides, tennis, or golf.

Spa, fitness wellness center, and Bicycle storage.

Bespoke wine room.

Salon for personalized beauty services.

Screening room and children's playroom.

Intimate garden and meditation lounge areas.

BAYFRONT RESIDENCES

PRICE RANGE

Starting at \$9,000,000

AMENITIES

Direct Beach Access

THE BUILDING

Shore Club features 18 levels and 49 elegant residences with floor plans starting at 2,400 up to 7,000 Sq. Ft.

Beach Service

Expansive Pool Decks

Exterior Café

DEVELOPER

Developed by Witkoff.

Dining Areas

ARCHITECTURE

An exceptional redesign thanks to Robert A.M. Stern Architects.

INTERIOR DESIGN

Finishes and interior areas by Kobi Karp Architecture & Interior Design.

COMPLETION DATE

Expected to be delivered by 2026.

LOCATION

Characterized by its signature Art Deco style in plenty of locations, Miami Beach contains more than 800 architecturally protected buildings and hotels from the 1930s and 1940s. A city to enjoy the finest of dining, nightlife, spas, and beaches, or to vi