



Architecture Case Study Analysis Cheatsheet.

How to Choose the Right Case Study.

Selecting the right architectural case study involves defining the aspirations and requirements for your architectural project and then finding an existing [case study](#) with these qualities

These qualities could be; project scale, architectural style, structural system, unique construction techniques, [sustainability](#), materials, and cultural context.

How do you Analyse an Architectural Case Study?

- ✓ **Contextual Analysis:** Conducting [site analysis](#) to understand the site context, environmental factors and microclimate, and cultural and historical significance.
- **Design Analysis:** Study the architectural style and language, spatial qualities, circulation, and function.
- **Material and Construction Analysis:** Analyse the building's use of materials, construction and structural systems.
- **User Experience:** Study how occupants interact with and between the spaces, considering comfort and usability.

Notes -

Read the full guide [here](#).





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1.2 Architectural Case Studies Examples

✓ Environment

The topography, climate, and surrounding context significantly influence architectural design. Exploring these factors creates relationships between the architecture and its surroundings.

○ Surrounding Context

Studying the surrounding context delves into the historical, cultural, and social backdrop of your architectural case study.

○ Building Requirements

Building requirements encompass the building regulations, functional needs, and spatial requirements of the project brief.

○ Form

The form of a building is sculpted by site analysis, massing studies and building requirements.

○ Function

Function provides the purpose of a building. Analysing a case study involves examining how the architecture serves the intended functions.

○ Building Services

A case study can be chosen for its approach to accommodating building services if your project aims to meet similar requirements.

Notes -

Read the full guide [here](#).





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2.2 Architectural Case Studies Examples

✓ Images

Analysing images allows you to piece together the architectural qualities, spatial flow, use of material and technical operations of a building.

○ Site Analysis

Site analysis involves investigating the site characteristics, topography, sun path, and wind patterns.

○ Style of Architecture

Each architectural case study involves a study of the style of architecture. Understanding architectural styles provides insight into the cultural, historical, technological and structural influence that shaped the architecture.

○ Micro-climate

Micro-climate analysis is a nuanced investigation into the site's environmental conditions. This investigation is conducted to ensure the design maximises efficiency in sustainability and energy consumption as well as shape the design.

○ Circulation - Horizontal and Vertical

A study in circulation includes flow patterns, connectivity and pathways to facilitate the optimum movement throughout the building and surrounding landscape.

○ Structure and Construction

You need to understand the structural system and construction methods of your case study to implement them into your project.

Notes -

Read the full guide [here](#).





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