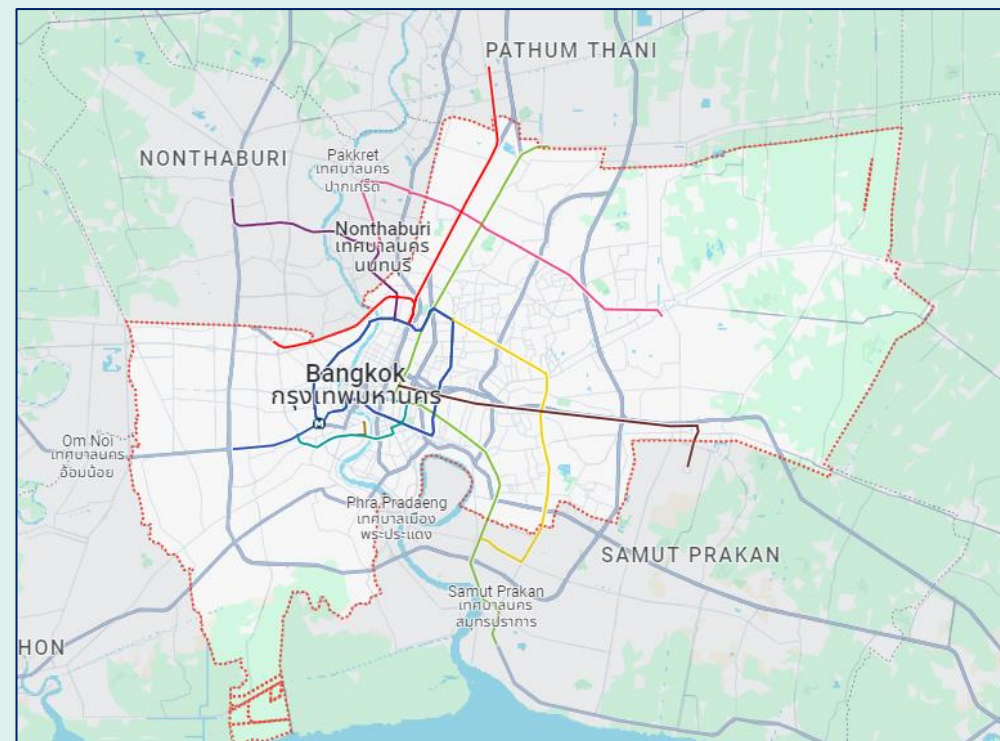
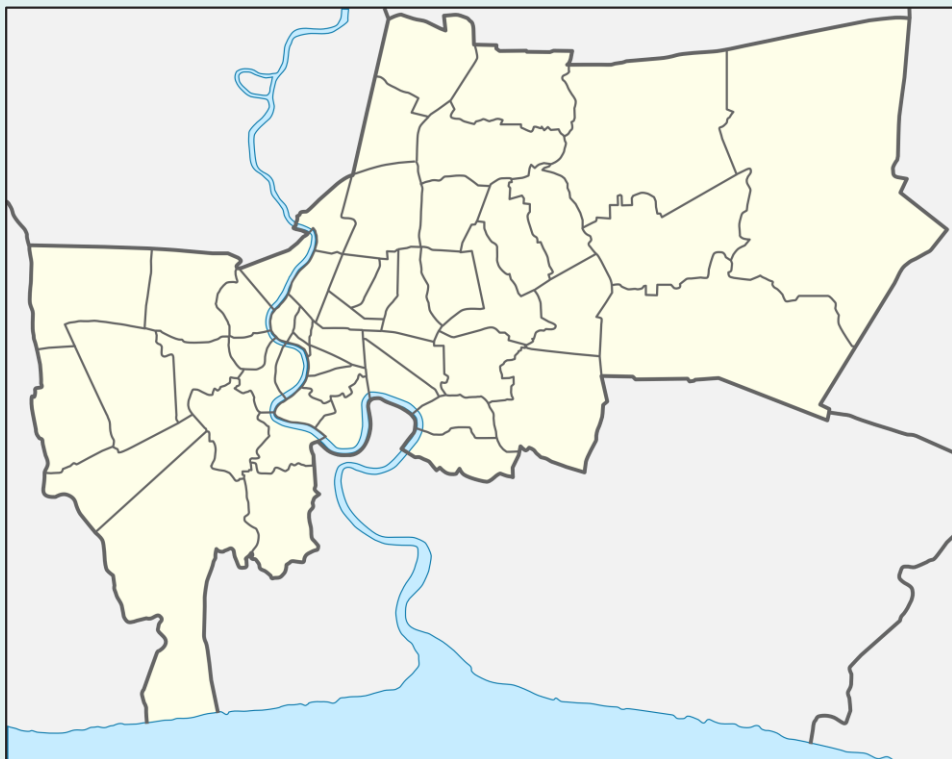
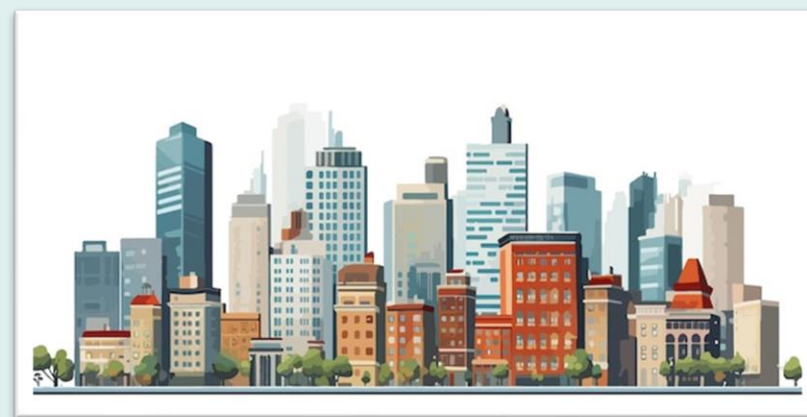


HOUSING PRICE WITH **SKY TRAIN** & **SUBWAY**







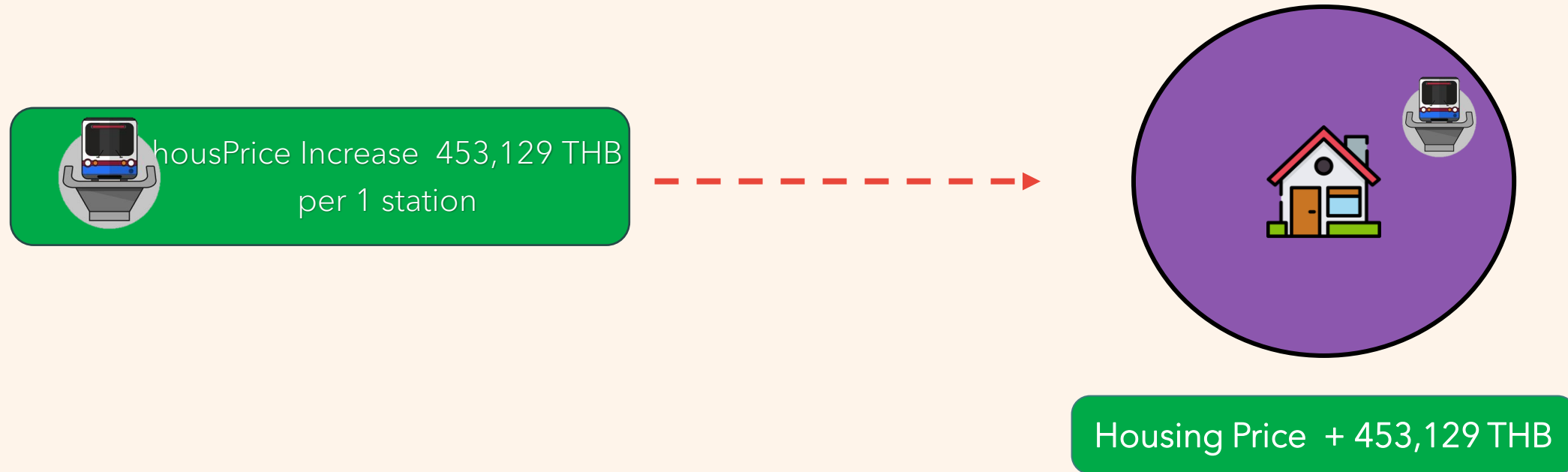
PROBLEM STATEMENT 1

This project examines how proximity to mass transit impacts residential property prices in Bangkok, with the main question being: is there a correlation between distance from a station and property prices? We'll start by analyzing the price differences between properties located within 1 kilometer of a station versus those farther away.

HOW STATION INFLUENCE HOUSING PRICE



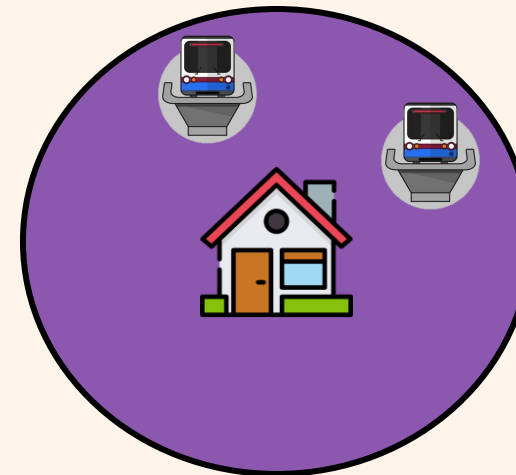
HOW STATION INFLUENCE HOUSING PRICE ?



HOW STATION INFLUENCE HOUSING PRICE ?



Increase per 1 station
453,129 THB

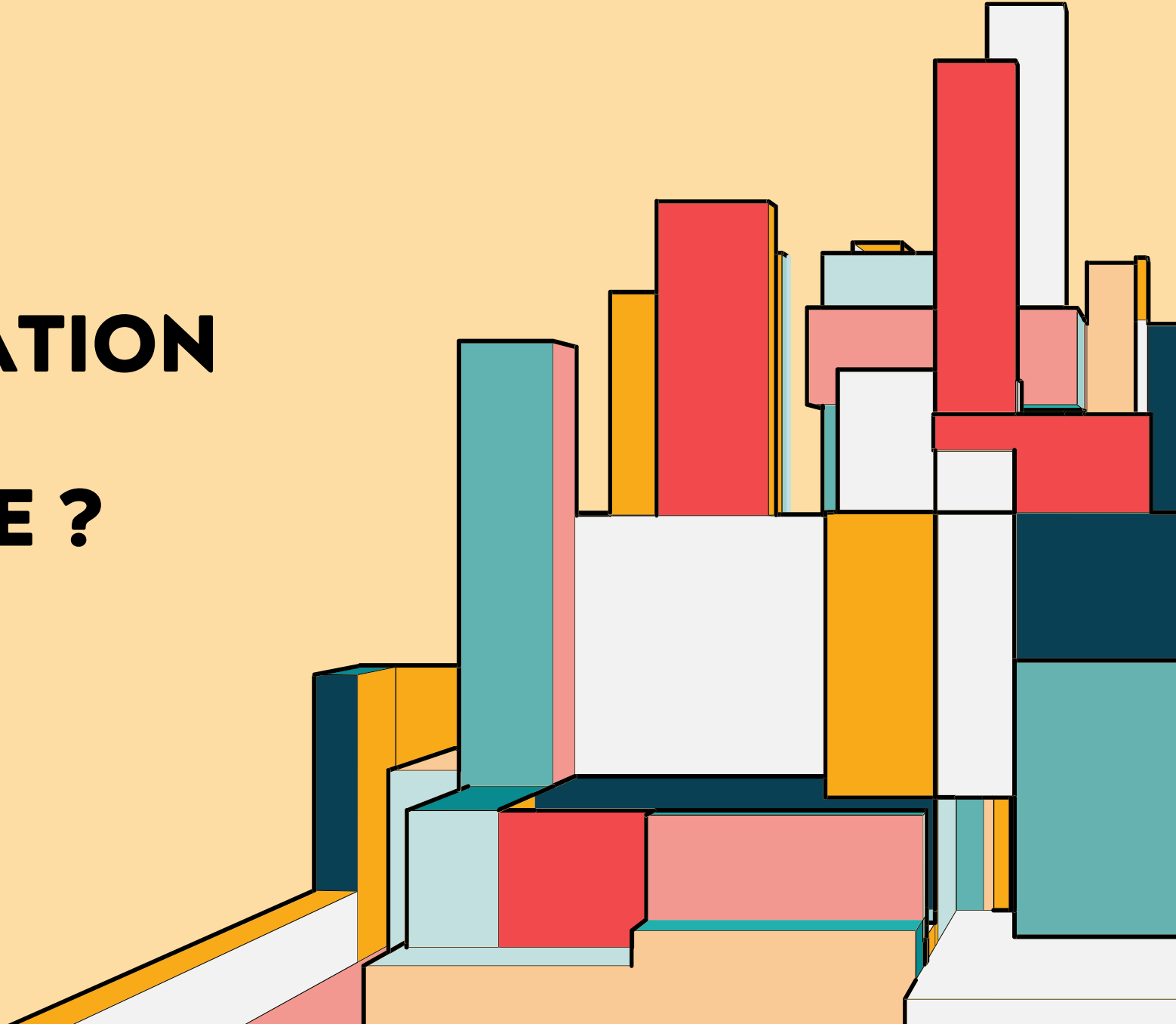


Housing Price + 906,258 THB

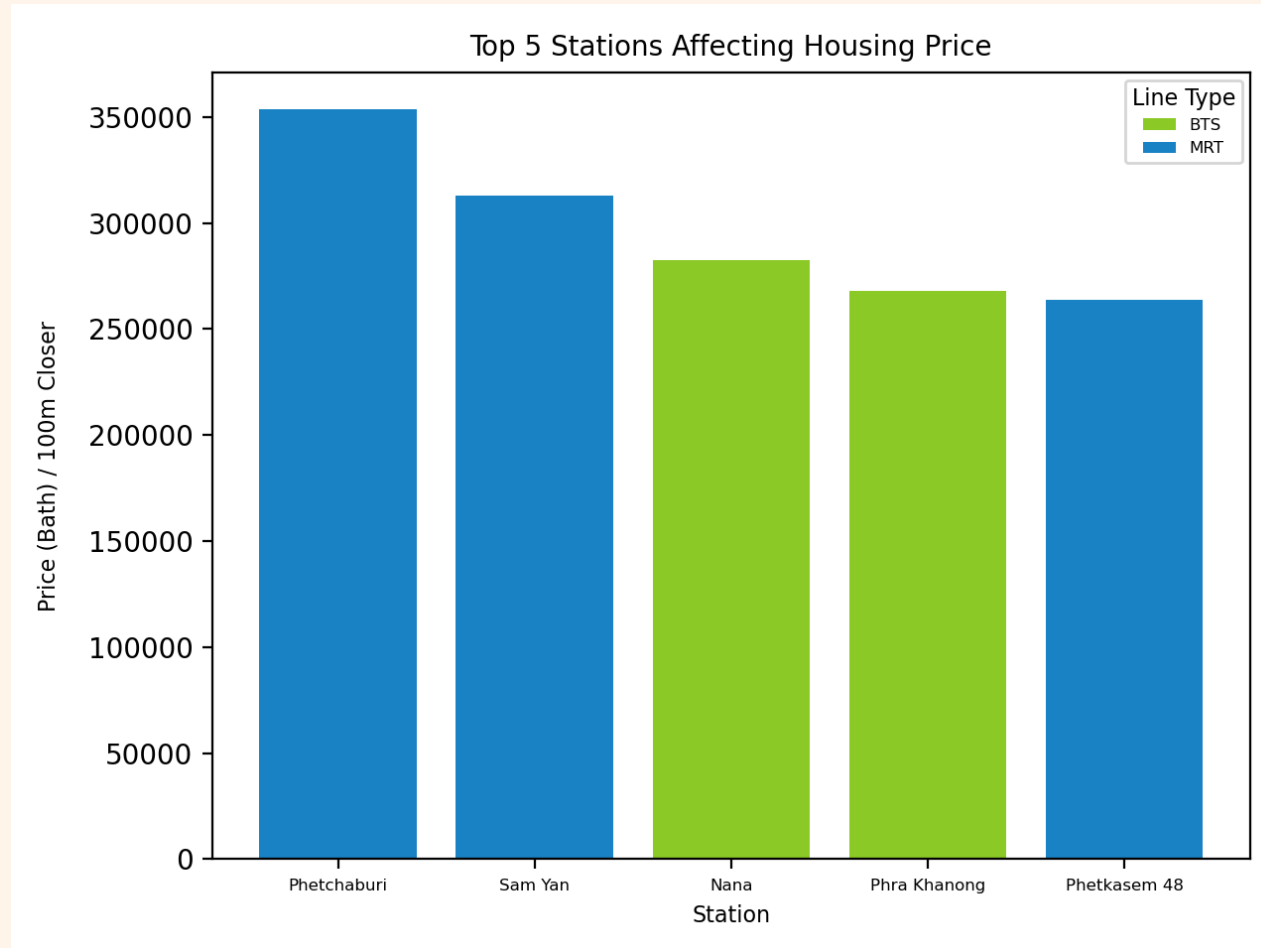
PROBLEM STATEMENT 2

We'll dive deeper to understand how distance from the station influences property prices and identify the five stations with the most significant impact on nearby property values. Our approach involves analyzing recent residential data in Bangkok around BTS Skytrain and MRT subway stations, using machine learning models to rank stations based on the relationship between distance and nearby property prices – to see if prices tend to increase or decrease as distance from each station grows.

HOW EACH STATION INFLUENCE ON HOUSING PRICE ?



TOP 5 STATIONS WITH THE STRONGEST INFLUENCE ON HOUSING PRICES



Station	price (bath) / 100 meters closer
MRT Phetchaburi	353,425
MRT Sam Yan	312,668
BTS Nana	282,391
BTS Phra Khanong	267,761
MRT Phet Kasem 48	263,752



**HOW THIS INFORMATION
IS IMPORTANT?**

WHAT IF WE DECIDE TO RELOCATE TO NEAR HA YAEK LAT PHRAO STATION ?

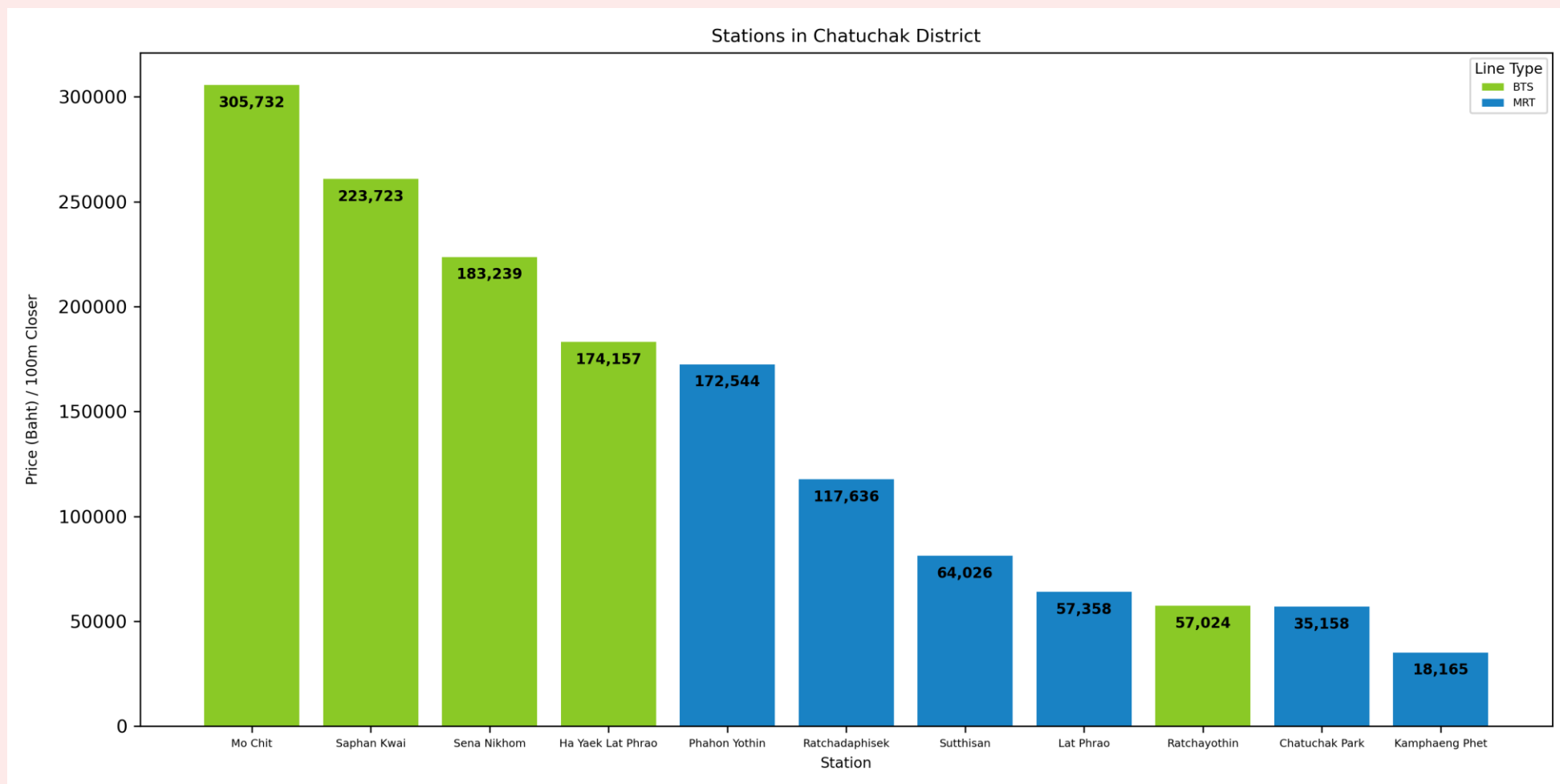


WHERE IS HA YAEK LAT PHRAO STATION AND NEAR STATIONS AT ?



line	station_name	price (bath) / 100 meters closer
BTS	Mo Chit	305,732
BTS	Saphan Kwai	260,838
BTS	Sena Nikhom	223,722
BTS	Ha Yaek Lat Phrao	183,238
MRT	Phahon Yothin	172,544
MRT	Ratchadaphisek	117,635
MRT	Sutthisan	81,205
MRT	Lat Phrao	64,026
BTS	Ratchayothin	57,358
MRT	Chatuchak Park	57,024
MRT	Kamphaeng Phet	35,157

ALL PRICE PER 100 CLOSER FOR NEAR STATION



WHICH STATION IS ALTERNATIVE WAY TO RELOCATE

Line	Station	How cheaper from target	Number of Stations	Fares	Travel time
MRT	Ratchadaphisek	65,603	2	20	4
MRT	Sutthisan	102,033	3	22	6
MRT	Lat Phrao	119,212	1	17	3
BTS	Ratchayothin	125,880	2	15	3
MRT	Chatuchak Park	126,214	1	15	2



Recommend : Chatuchak Park station