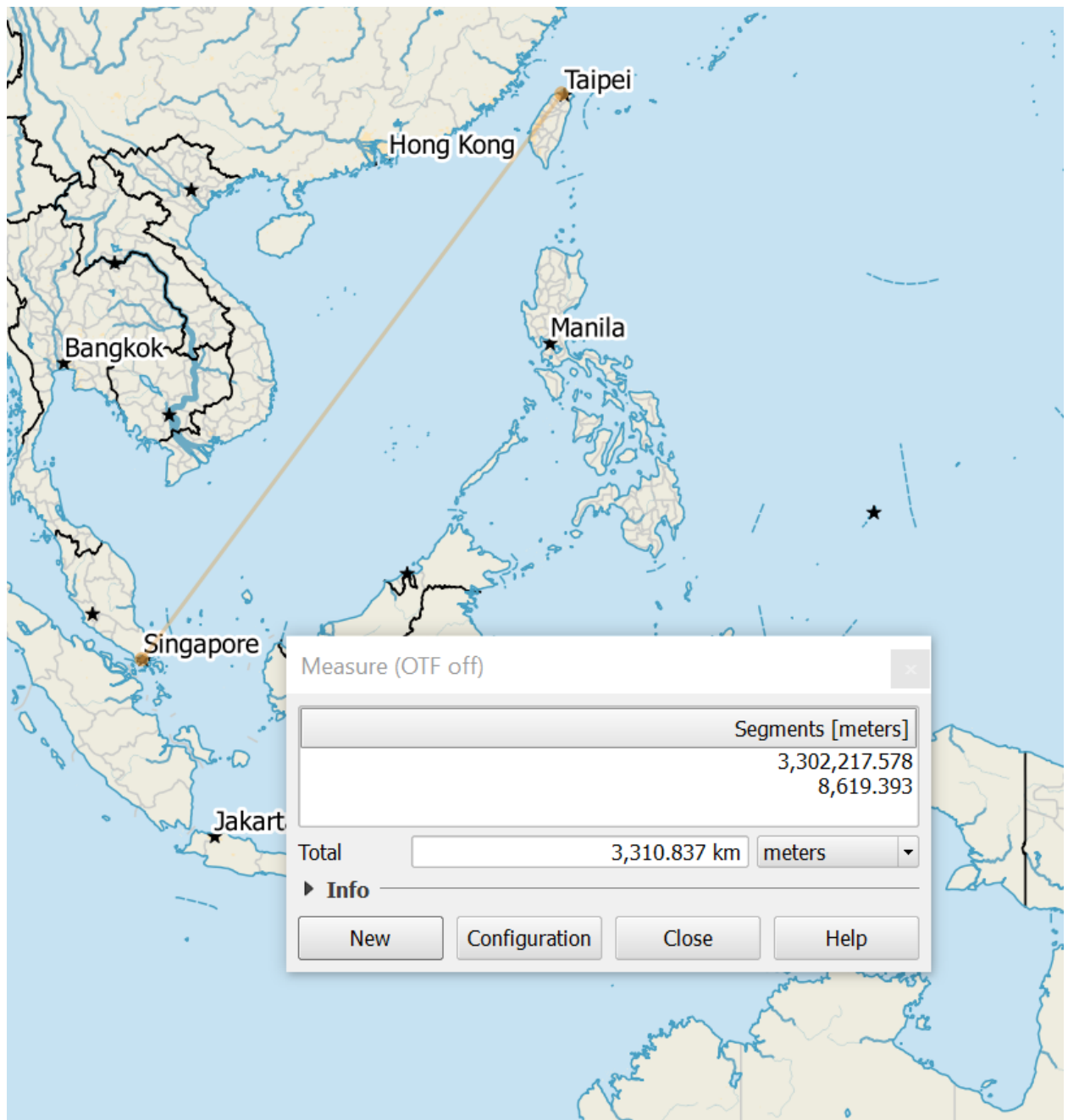


1. What is the distance between Singapore and Taipei in kilometers?

The distance is 3,310.837 km.



2. What is the estimated population (pop_est) of Afghanistan?

The estimated population is 28,400,000.

Feature	Value
10m_admin_0_map_units	
name	Afghanistan
(Derived)	
(Actions)	
scalerank	0
featurecla	Admin-0 map unit
labelrank	3.000000
sovereignt	Afghanistan
sov_a3	AFG
adm0_dif	0.000000
level	2.000000
type	Sovereign country
admin	Afghanistan
adm0_a3	AFG
geou_dif	0.000000
geounit	Afghanistan
gu_a3	AFG
su_dif	0.000000
subunit	Afghanistan
su_a3	AFG
brk_diff	0.000000
name	Afghanistan
name_long	Afghanistan
brk_a3	AFG
brk_name	Afghanistan
brk_group	
abbrev	Afg.
postal	AF
formal_en	Islamic State of Afghanistan
formal_fr	
note_adm0	
note_brk	
name_sort	Afghanistan
name_alt	
mapcolor7	5.000000
mapcolor8	6.000000
mapcolor9	8.000000
mapcolor13	7.000000
pop_est	28400000.000000
gdp_md_est	22270.000000
pop_year	-99.000000

3. What country is ranked number 5 in the world in terms of GDP?

Germany is ranked number 5.

	note_brk	name_sort	name_alt	mapcolor7	mapcolor8	mapcolor9	mapcolor13	pop_est	gdp_md_est	pop_year	lastcensus	gdp_year	economy	income_grp
1		United Stat...		4.000000	5.000000	1.000000	1.000000	31397300...	15094000.000000	0.000000	2010.0000...	0.000000	1. Develop...	1. High Inc...
2		China		4.000000	4.000000	4.000000	3.000000	13386129...	7973000.000000	-99.000000	2010.0000...	-99.000000	3. Emergin...	3. Upper ...
3		Japan		5.000000	3.000000	5.000000	4.000000	12707867...	4329000.000000	-99.000000	2010.0000...	-99.000000	1. Develop...	1. High inc...
4		India		1.000000	3.000000	2.000000	2.000000	11660792...	3297000.000000	-99.000000	2011.0000...	-99.000000	3. Emergin...	4. Lower ...
5		Germany		2.000000	5.000000	5.000000	1.000000	82329758...	2918000.000000	-99.000000	2011.0000...	-99.000000	1. Develop...	1. High Inc...
6		Russian Fe...		2.000000	5.000000	7.000000	7.000000	14004124...	2266000.000000	-99.000000	2010.0000...	-99.000000	3. Emergin...	3. Upper ...
7		France, Me...		7.000000	5.000000	9.000000	11.000000	61037510...	2230721.000000	-99.000000	-99.000000	-99.000000	1. Develop...	1. High inc...
8		Brazil		5.000000	6.000000	5.000000	7.000000	19873926...	1993000.000000	-99.000000	2010.0000...	-99.000000	3. Emergin...	3. Upper ...

4. Embed your final map of Singapore within the document (following the rules of the assignment)



5. Write 1-2 paragraphs on your design: what features did you choose to display, how did you style them display and why; were there any design aspects that you wished to achieve but were not able to?

This map shows how Singapore's blood line (the public transport system) helps moving residents during Lunar New Year house visits.

The colour scheme of the design is carefully chosen to reflect New Year's spirit and prosperity, with red to resemble the colour of red packets, orange to resemble mandarin oranges, and yellow to resemble gold and wealth. Among them, red is used to colour the MRT lines to make it stand out. Other than red, orange, and yellow, no other colour is used (except black for background and labels), so that the visual differences is maintained without distracting the readers. Two main features are shown in the map: the relative density of residents (buildings and neighbourhood names), as well as the path of the railway/MRT.

There are two design aspects that I wished to achieve but not able to: 1. It is difficult to filter bus lines from common motorway and highway, thus hard to include bus route in the map; 2. The map is yet to be completed with map title, legend, and other documentation.