

00:41



ALLOW APP TO USE LOCATION?

ALLOW

DENY

ALLOW

00:43



IMPACT_COVID19

Starbucks
Address Line 1, City, 123456
Coffee shop



Within 3km radius:

CO Surface Concentration: 135
ppbv

Level of NOx: $2e+15$ l/cm²

Number of vehicles: 350

Mobility Level: Average

No: of active Covid-19 cases: 3

**You are in a safe and clean
environment!**

00:59



LOCATION:

Starbucks
Address Line 1, City,
123456
Coffee shop

Mobility

Covid-19 cases

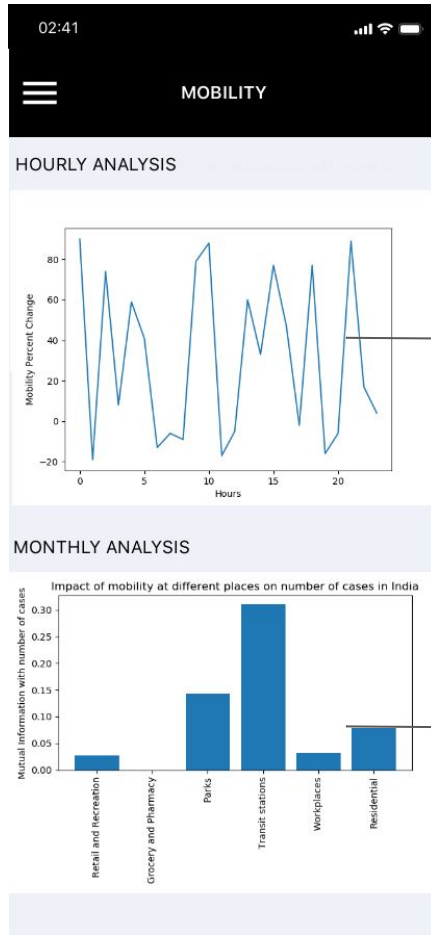
3+

CO/NOx Level

Invite friends

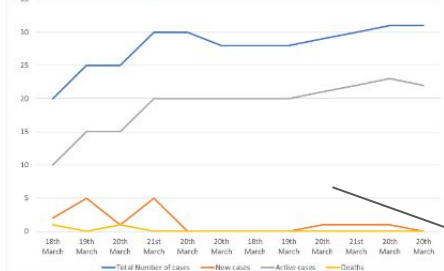
Help

EXIT

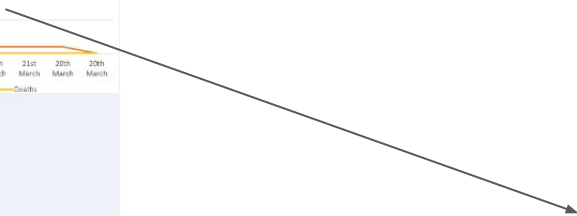


Hourly analysis and prediction will help users determine when it is safe to venture out.

Monthly analysis of mobility around various sectors will help government issue relaxation rules, i.e which sectors to open first and which localities to allow relaxation in.



A time series predicting model which takes past history of cases, environment factors and socio economic factors as features predicts what the number of cases in the area would be.



Tracking + Predicting!

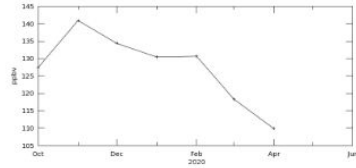
02:19



ENVIROMENTAL ANALYSIS

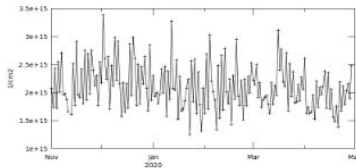
CO LEVEL

Time Series, Area-Averaged of CO Surface Concentration in ppb (ENSEMBLE monthly 0.5 x 0.525 deg. 3MEPPA-2 Model N2TRYKICHT v5.12.4)ppb over 2019-Oct - 2020-Apr, Shiga, India



NOx LEVEL

Time Series, Area-Averaged of NO2 Tropospheric Column (30% Cloud Screened) daily 0.25 deg. (08M CMNC02 v003) 1km2 over 2018-11-01 - 2020-04-20, Shiga, India



02:29



CO LEVEL ON THE RISE!

Oh no, looks like the co concentration level is higher than usual

Spread the word to friends nearby

Ignore