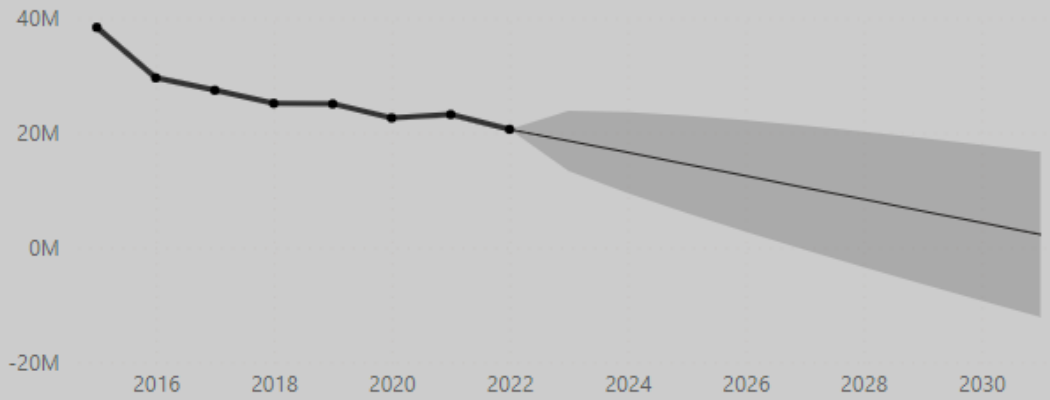
Apple 2030- Carbon Neutral

Maven Analytics Challenge

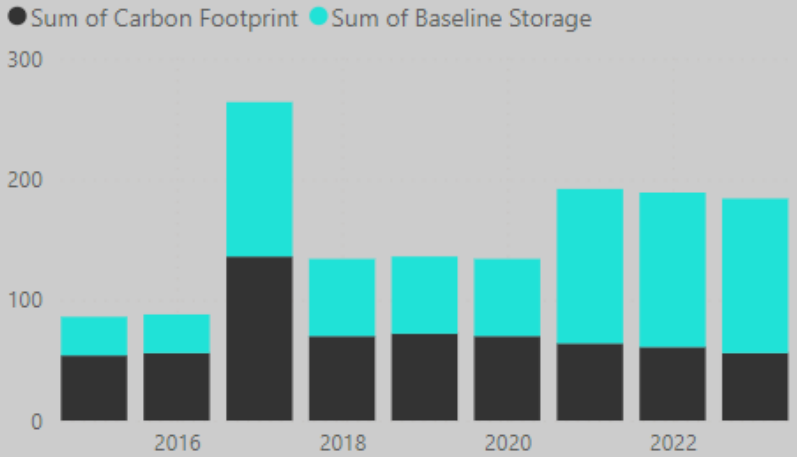
Ramkumar G

2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022

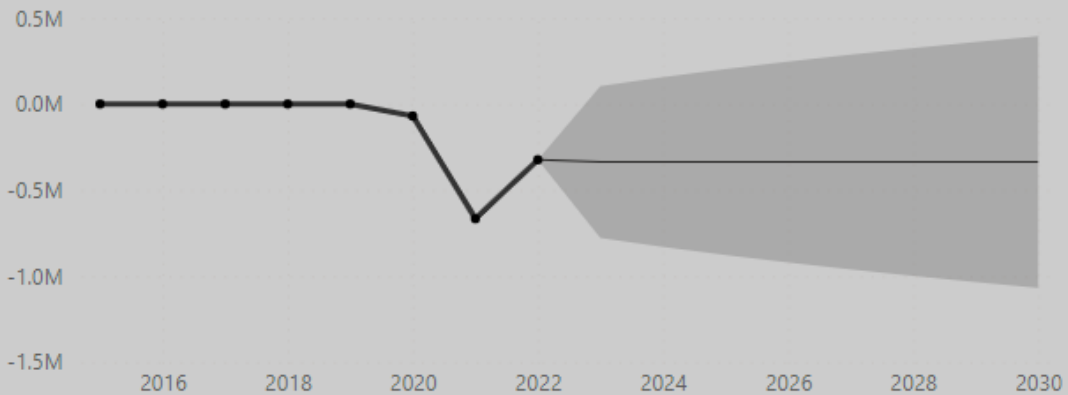
Emissions by Year(Metric Ton)



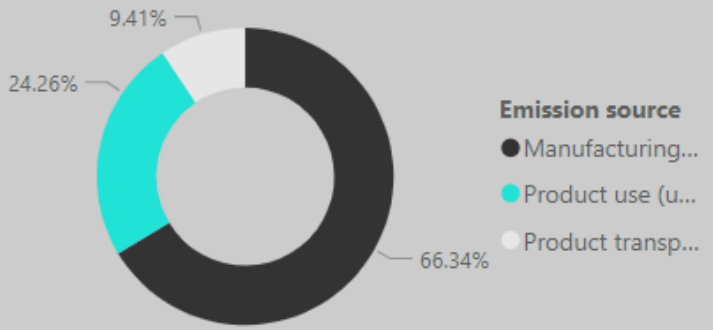
Carbon Footprint



Carbon removals by Year(Metric Ton)



Top 3 Emissions



38M
Base Emission(2015)

10M
Target Emission(2030)

55K
Scope 1 emission

3K
Scope 2 emission

21M
Scope 3 emission

-324K
Carbon removals

From the forecast it is obvious that Total emissions reduce by 75 % in 2030.

Net emission to 0 is possible only by increasing the Carbon removal offsetting methods

REQUIREMENTS:

>> Working as an independent journalist and data viz enthusiast,I’ve been asked to use the data provided by Apple in their environmental progress reports to visualize their progress, put it into context and outline potential avenues to meeting their 2030 goal

Actions: (Tools: Power BI)

>> Load and transformed data from flat files and built data set with appropriate dimensional modelling.
>> Created a interactive dashboard using dropdown year slicers as per requirements.
>> Forecasted the metrics using time-series chart analysis and identified the metrics ,compared it with target values and given insights
>> Made a donut chart to visualize the top 3 contributors of emission.
>> Added all key metrics related to emissions.