
EXPLORING ADVANCED ANALYTICS IN



POWER BI

FINANCIALS DATASET

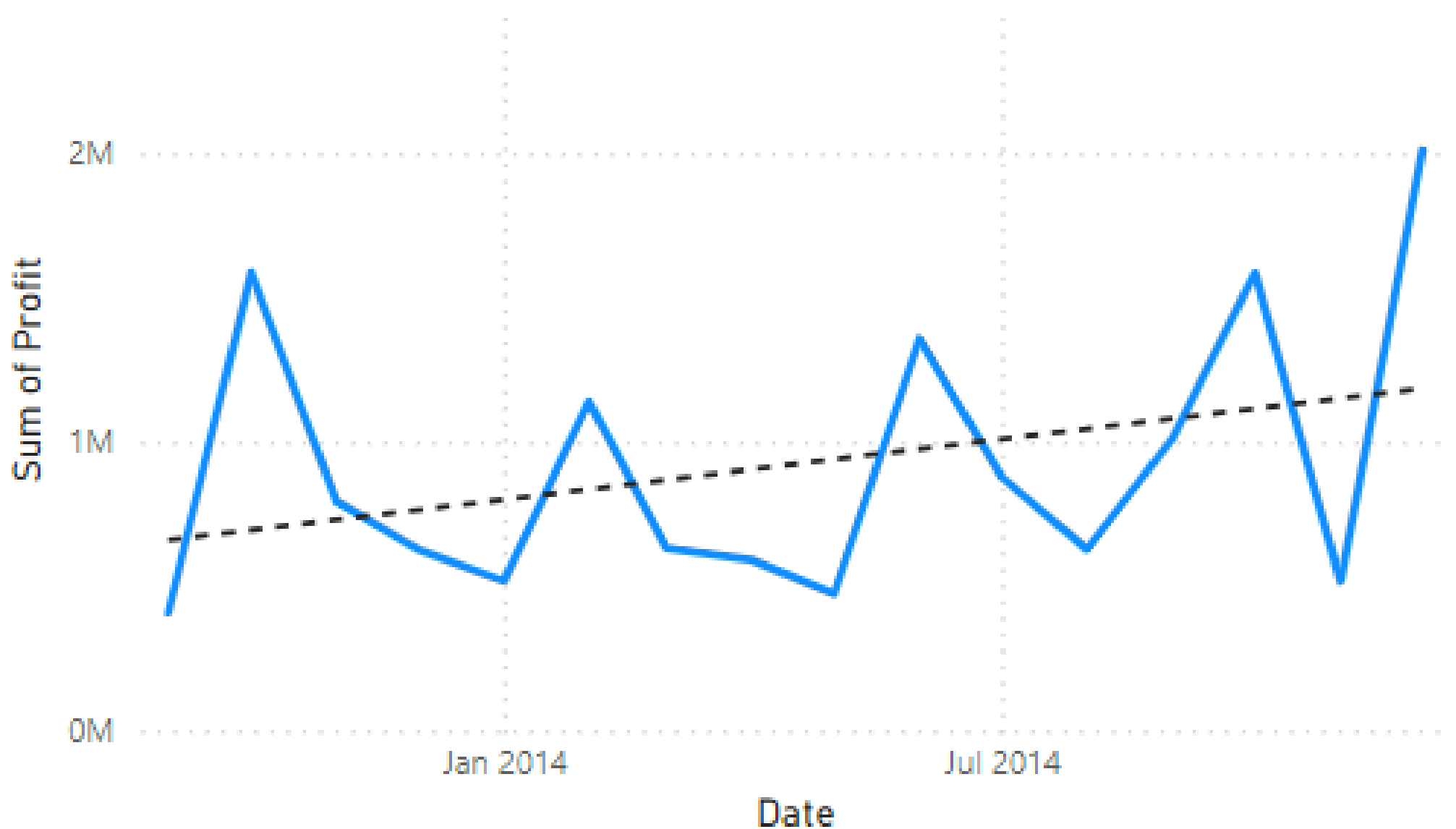
Segment ▾	Country ▾	Product ▾	Discount Band ▾	Units Sold ▾	Manufacturing Price ▾	Sale Price ▾	Gross Sales ▾
GOVERNMENT	Germany	Carretera	None	1513	3	350	529550
GOVERNMENT	Germany	Paseo	None	1006	10	350	352100
GOVERNMENT	Canada	Paseo	None	1725	10	350	603750
GOVERNMENT	Germany	Paseo	None	1513	10	350	529550
GOVERNMENT	Germany	Velo	None	1006	120	350	352100
GOVERNMENT	France	VTT	None	1527	250	350	534450
GOVERNMENT	France	Amarilla	None	2750	260	350	962500
GOVERNMENT	Mexico	Carretera	Low	1210	3	350	423500
GOVERNMENT	Mexico	Carretera	Low	1397	3	350	488950
GOVERNMENT	France	Carretera	Low	2155	3	350	754250

Discounts ▾	Sales ▾	COGS ▾	Profit ▾	Date ▾	Month Number ▾	Month ▾	Year ▾
0	529550	393380	136170	Monday, December 1, 2014	12	December	2014
0	352100	261560	90540	Sunday, June 1, 2014	6	June	2014
0	603750	448500	155250	Friday, November 1, 2013	11	November	2013
0	529550	393380	136170	Monday, December 1, 2014	12	December	2014
0	352100	261560	90540	Sunday, June 1, 2014	6	June	2014
0	534450	397020	137430	Sunday, September 1, 2013	9	September	2013
0	962500	715000	247500	Saturday, February 1, 2014	2	February	2014
4235	419265	314600	104665	Saturday, March 1, 2014	3	March	2014
4889.5	484060.5	363220	120840.5	Wednesday, October 1, 2014	10	October	2014

THIS DATASET CONTAINS A WEALTH
OF INFORMATION ABOUT OUR
COMPANY'S FINANCIAL
PERFORMANCE OVER TIME,
INCLUDING KEY METRICS SUCH AS
SALES, PROFITS AND MORE

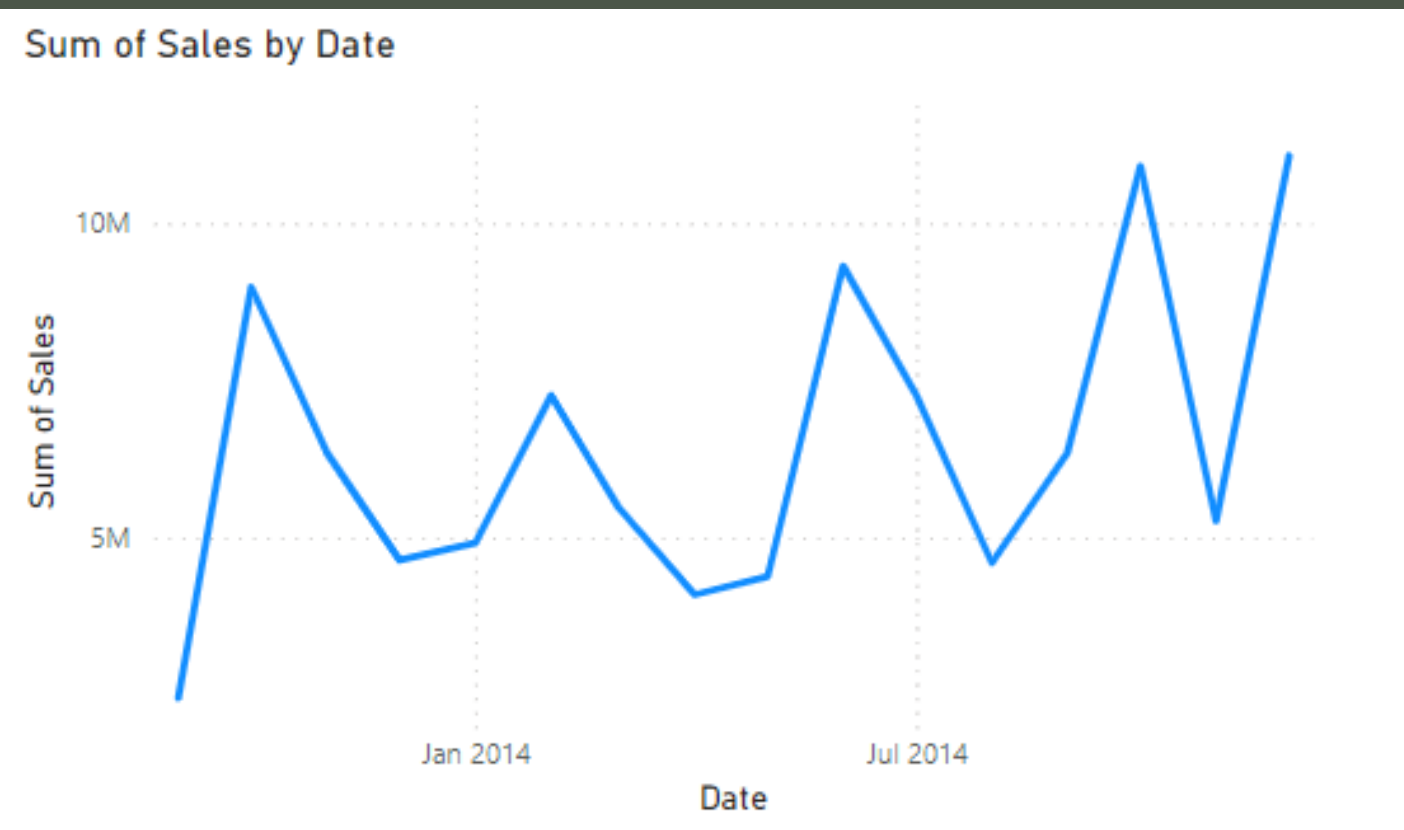
TREND LINES FEATURE

Sum of Profit by Date



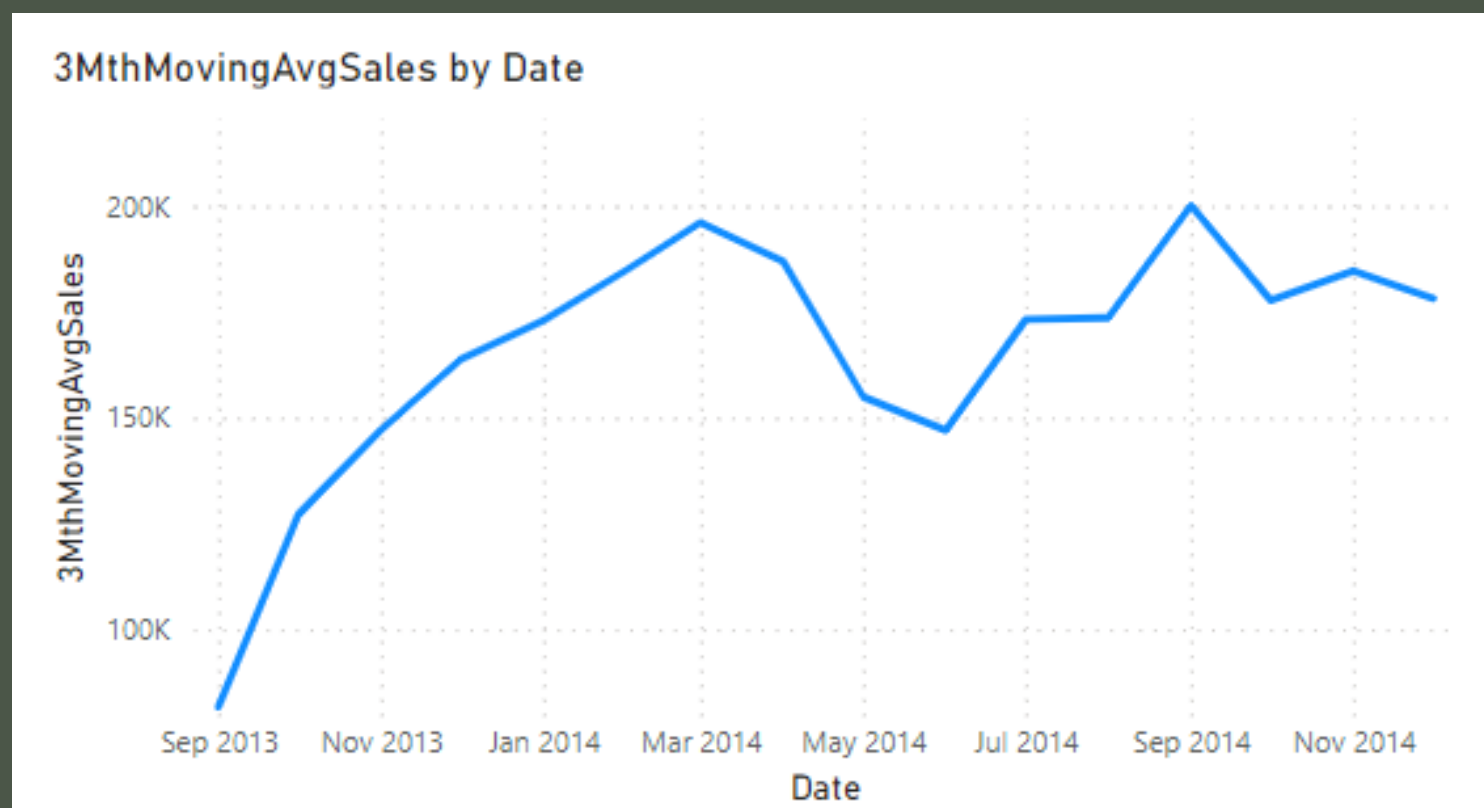
TREND LINES REPRESENT
THE DIRECTION AND
STRENGTH OF A TREND
IN YOUR DATA.

CALCULATING MOVING AVERAGES



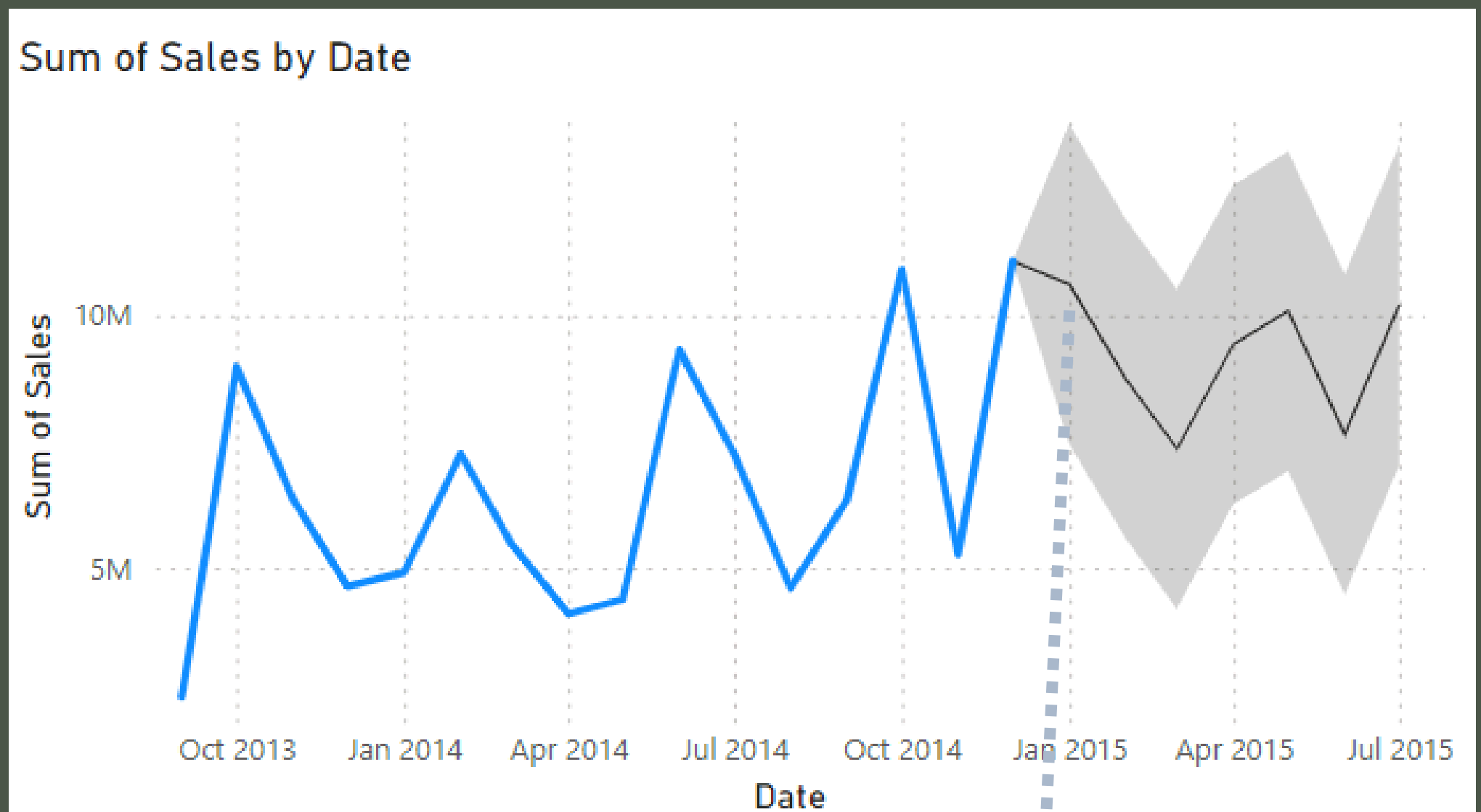
LINE CHART
OF SALES
BY DATE

LINE CHART
OF 3 MONTHS
MOVING
AVERAGE
SALES
BY DATE



CALCULATING MOVING AVERAGE IS
COMMONLY USED IN TIME SERIES
ANALYSIS TO HIGHLIGHT THE OVERALL
DIRECTION OR BEHAVIOR OF A
VARIABLE BY AVERAGING OUT THE
FLUCTUATIONS INHERENT IN THE DATA

FORECASTING TECHNIQUES



Thursday, January 01, 2015

Forecast 1	10,617,791.46
Upper bound	13,778,441.72
Lower bound	7,457,141.21

FORECASTING INVOLVES USING
HISTORICAL DATA TO PREDICT FUTURE
TRENDS OR OUTCOMES.

SUMMARY

TREND LINES

HELPED US NOTICE THAT PROFITABILITY REMAINED HEALTHY, WITH OPPORTUNITIES FOR FURTHER OPTIMIZATION.

MOVING AVERAGE

HELPED US DISCOVER SEASONAL TRENDS WERE OBSERVED IN SALES DATA

FORECASTING

HELPED US GENERATE FORECASTS THAT PROVIDE VALUABLE INSIGHTS FOR ANTICIPATING FUTURE DEMAND

THANKS
FOR
WATCHING