STUDENTS MARK DATA ANALYSIS USING EXCEL

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CHENNAI-81

PROJECT TITLE

STUDENT MARK DATA ANALYSIS USING EXCEL

AGENDA

- PROBLEM STATEMENT
- PROJECT OVERVIEW
- END USERS
- OUR SOLUTION AND PROPOSITION
- DATASET DESCRIPTION
- MODELLING APPROACH
- RESULTS AND DISCUSSION
- CONCLUSION

PROBLEM STATEMENT

CALCULATING STUDENT MARKS ASSESSES LEARNING AND UNDERSTANDING.

IT IMPROVED FEEDBACK,MOTIVATING STUDENT TO IMPROVE .

MARKS TRACK PROGRESS, IDENTIFYING AREAS FOR GROWTH.

THEY ALSO SUPPORT FAIR GRADING CERTIFICATION.

PROJECT OVERVIEW

IDENTIFY TRENDS AND PATTERNS.

UNDERSTAND STUDENT STRENGTHS AND WEEKNESSES.

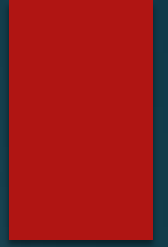INFORM INTRODUCTION AND IMPROVE LEARNING OUTCOMES.

TRACKS PROGRAMES AND GROWTH OVERTIME .

MAKE DATA –DRIVEN DECISIONS TO SUPPORT AND STUDENT SUCCESS.

WHO ARE THE END USERS

- STUDENTS
- TEACHERS
- ORGANISATION
- PARENTS AND GUARDIAN
- COLLEGE ADMINISTRATORS
- EDUCATION POLICY MAKERS
- PRINCIPLE AND HEADMASTERS.

OUR SOLUTION AND ITS VALUE PROPOSITION

CONDITIONAL FORMATING-MISSING

FILTERS –REMOVE

FORMULA –PERFORMANCE

PIVOT –SUMMARY

GRAPH –DATA VISUALIZATION

DATASET DESCRIPTION

STUDENTS –OWN CONCEPT

20-FEATURES

7-FEATURES

STUDENT REGISTER NUMBER

NAME TEXT

STUDENT TYPE

MARKS LEVEL

GENDER-FEMALE AND MALE

INTERNAL MARKS

TOTAL MARKS

THE 'WOW' IN OUR SOLUTION

MARKS LEVEL =IFS(Z8>=5,'' VERY HIGH'',Z8>4,''HIGH'',Z8>=3,''MED'',''TRUE,'' ''LOW'',)

MODELING

DATA COLLECTION

- DOWNLOAD THE DATA IN THE EDUNET WEBSITE

- AND READY TO WORK PROJECT

- FEATURES COLLECTION

- IDENTIFY THE STUDENT REG NO
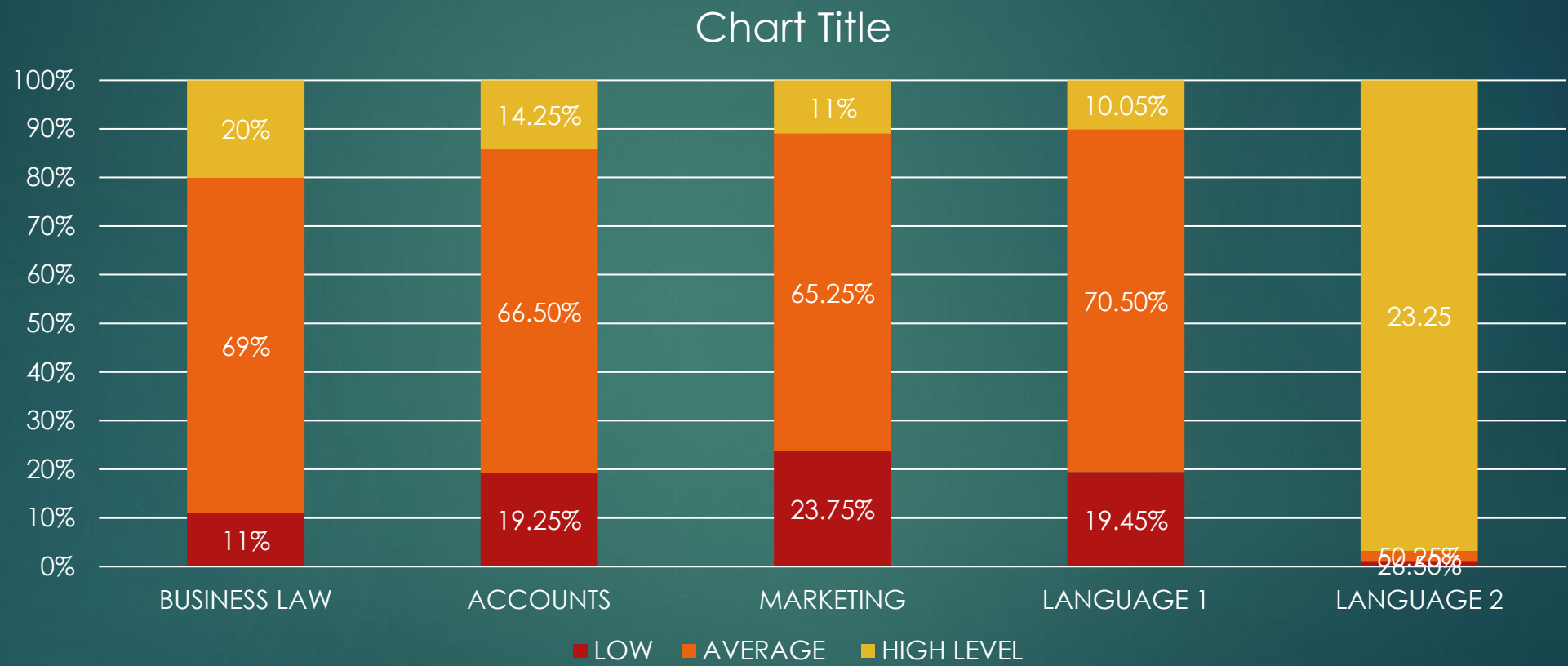
- IDENTIFY THE PRIORITY

DATA CLEANING

- IDENTIFY THE MISSING VALUE

- FILTER THE MISSING VALUE

- PERFORMANCE LEVEL

- CALCULATING MARKS LEVEL

- SUMMARY
CREATE THE PIVORT TABLE
THE FEATURES ARE USED TO PIVORT CHART
ROW-STUDENTS UNIT
COLUMN –MARKS LEVEL
VALUES -1ST NAME
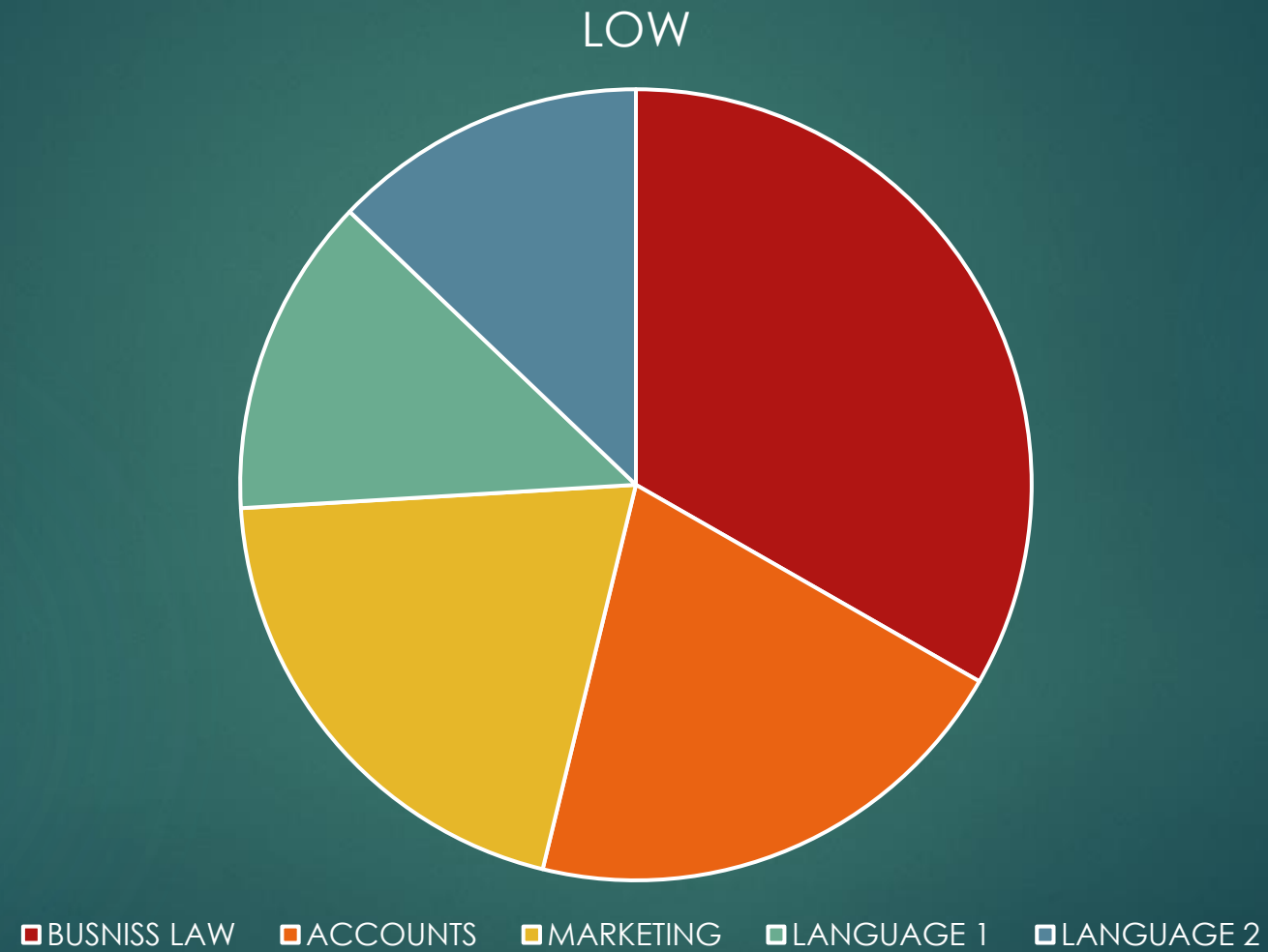FILTERS –GENDER CODE

VISUALIZATION

CREATE THE PIVORT TABLE
THE FEATURES ARE USED TO PIVORT CHART
ROW-STUDENTS UNIT
COLUMN –MARKS LEVEL
VALUES -1ST NAME
FILTERS –GENDER CODE

RESULTS

Chart Title

	BUSINESS LAW	ACCOUNTS	MARKETING	LANGUAGE 1	LANGUAGE 2
HIGH LEVEL	20%	14.25%	11%	10.05%	23.25
AVERAGE	69%	66.50%	65.25%	70.50%	50.25%
LOW	11%	19.25%	23.75%	19.45%	26.50%

■ LOW   ■ AVERAGE   ■ HIGH LEVEL

CONCLUSION

PERFORMANCE ANALYSIS IS A CRUCIAL PROCESS FOR ORGANIZATIONS STRIVING TO OPTIMIZE THEIR OPERATIONS IMPROVE EFFICIENCY AND ACHIEVE STRATEGIC GOALS. THE INSIGHTS GAINED FROM PERFORMANCE ANALYSIS ENABLE INFORMED DECISION-MAKING ALLOWING LEADERS TO ALLOCATE RESOURCES EFFECTIVELY REFINE PROCESSES, AND SET REALISTIC, DATA-DRIVEN OBJECTIVES PERFORMANCE ANALYSIS IS NOT JUST ABOUT ASSESSING PAST AND PRESENT PERFORMANCE; IT'S ABOUT BUILDING A FOUNDATION FOR FUTURE SUCCESS. BY CONTINUOUSLY MONITORING AND ANALYZING PERFORMANCE, ORGANIZATION CAN ENSURE THEY ARE ON THE RIGHT PATH TOWARD SUSTAINED IMPROVEMENT AND LONG TERM ACHIEVEMENT.