EMPLOYEE DATA ANALYSIS BY USING EXCEL

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PROJECT TITLE

EMPLOYEE DATA ANALIYES USING BY EXCEL

INTRODUCTION

OVERVIEW :

       * IMPORTANCE OF DATA ANALIYES IN DECISION MAKING

EXCEL'S ROLE :

       *WIDELY USED TOOL FOR DATA MANIPULATION AND ANALIYES

KEY FEATURES OF EXCEL FOR DATA ANALIYES

FUNCTIONS :

            * SUM, AVERAGE, COUNT,IF,VLOOKUP, ETC

DATA VISUALIZATION :

         * CHARTS,GRAPHS AND POVIT TABLES

DATA TOOLS :

         * SORTING, FILTERING AND DATA VALITAION

DATA CLEANING

IMPORTANCE :

        * ENSURING DATA QUALITY BEFORE ANALIYES

TECHNIQUES :

        * REMOVING DUPLICATES

        * HANDLING MISSING VALUES

        * TEXT FUNCTIONS (TRIM, UPPER, LOWER)

ANALYZING DATA WITH FORMULAS

BASIC ANALIYES :

         * DESCRIPTIVE STATISTICS (MEAN, MODE, MEDIAN)

        * CONDITIONAL CALCULATION

ADVANCED FUNCTIONS :

        * NESTED FORUMLAS

        * ARRAY FUNTIONS

VISUALIZING DATA

TYPES OF VISUALS :

        * BAR CHART

         * PIE CHART

        * LINE GRAPHS

CREATING PIVOT TABLES :

        * SUMMARIZE LARGE DATA SETS EFFECTIVELY

APPLICATION EXAMPLE

EXAMPLE SCENARIO :

       * ANALYZING SALES DATA FOR TRENDS

DEMONSTRATION :

       * SHOW HOW TO APPLY EXCEL TOOLS ON SAMPLE DATA SET

BEST PRACTICES FOR DATA ANALYSIS

TIPS :

    * ORGANIZE DATA IN TABLES

    * KEEP RAW DATA INTACT AND CREATE SEPARATE ANALIYSIS SHEET

    * DOCUMENTS YOUR PROCESS FOR REPRODUCIBILITY

CONCLUSION

SUMMARY :

* RECAP OF THE IMPORTANCE OF DATA ANALIYSIS

FINAL THOUGHTS :

* ENCOURAGE CONTINUING TO EXPLORE EXCEL'S POWERFUL

FEATURES