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