

COMPUTER GRAPHICS APPLICATIONS

Computer Graphics is used in various such as



Representative Uses:-

- **CARTOGRAPHY** :- Representing Weather Maps, Geographic Maps, Oceanographic charts, Contour Maps, population density Maps....

• Computer-Aided Drafting and Design :-

It uses graphics to design components and systems like

- Electrical
 - Electromechanical
 - Mechanical
 - Electronic Devices
- Like
- Building structure
 - Airplane Design
 - Ships Design
 - Very Large-Scale Integrated (VLSI) chips
 - Computer Networks
 - Automobiles and many more...

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• USER INTERFACES :-

User friendliness is main factor for the popularity of a system.

The built-in graphics provided with user interfaces use visual control items such as

Buttons
Icons
Menus
Scroll Bar

• Office Automation And Desktop Publishing :-

Creation and Dissemination of information,

In House creation and printing of documents,
Desktop Publishing; creating documents which contains
Text, graphs, Tables, pictures, Scanned images.

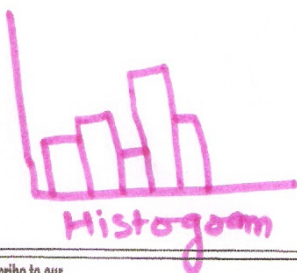
• Simulation & Animation :-

Graphics in simulation makes mathematical models and mechanical systems more realistic and easy to study.

Graphics use in production of animated and cartoon films.

• Plotting of graphics and chart :-

Use of graphics to create 2D and 3D graphs of mathematical, physical and economic functions in form of Histogram, Bars and Pie chart which helps in decision making.



Pie chart

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