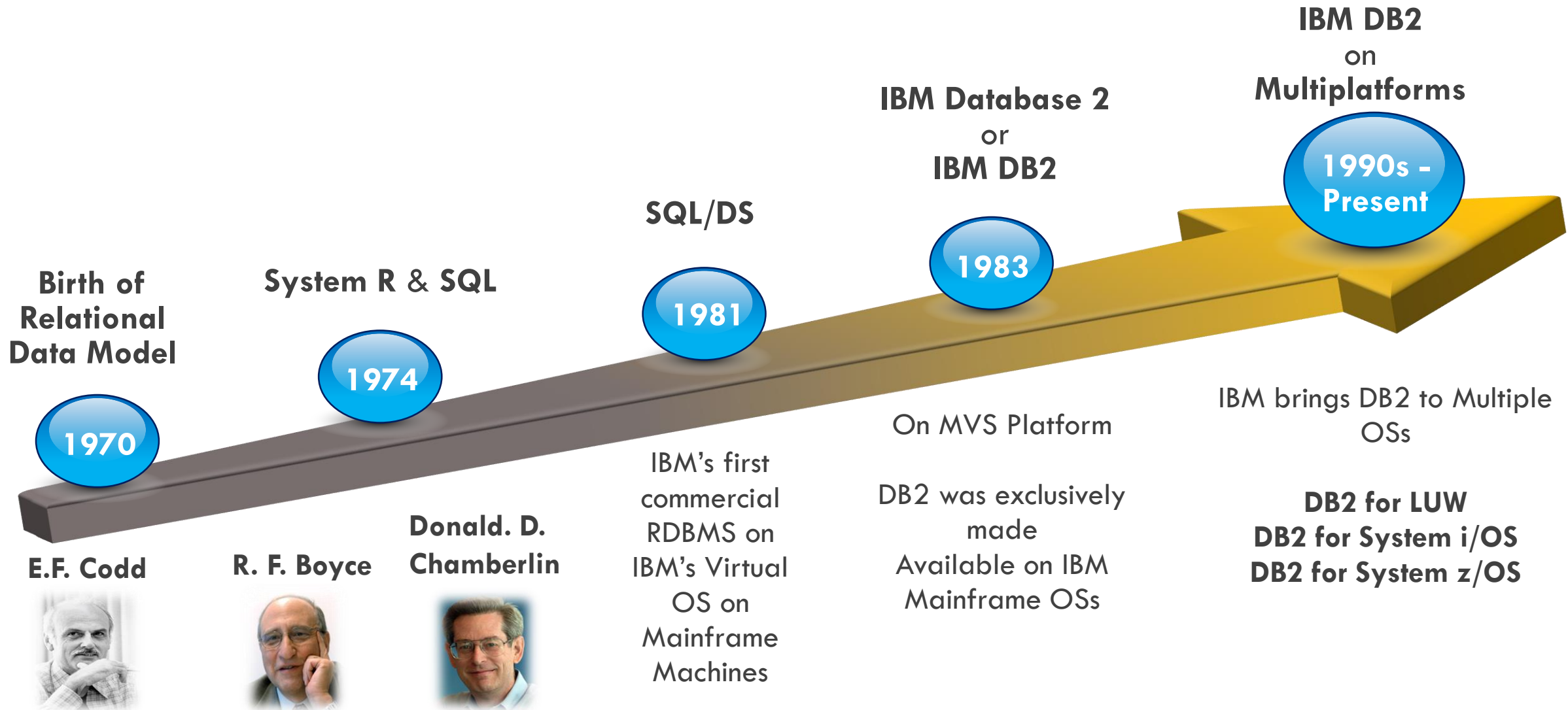# SECTION – 1

INTRODUCTION

Introduction to DB2

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- Introduction to IBM DB2
- Brief History & Timeline
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- Why organizations prefer DB2
- DB2 on Mainframe Machines
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Introduction to IBM DB2

- **DB2** is a family of database server products developed by IBM and is the next generation data platform for transactional and analytical operations.

- Today, there are three main products in the **DB2 family**:
  - DB2 for Linux, UNIX and Windows (informally known as DB2 LUW)
  - DB2 for z/OS (mainframe)
  - DB2 for i/OS (power systems)

IBM DB2 History & Timeline

IBM DB2
on
Multiplatforms

IBM Database 2
or
IBM DB2

SQL/DS

System R & **SQL**

Birth of Relational Data Model

1990s – Present

1983

1981

1974

1970

IBM brings DB2 to Multiple OSs

On MVS Platform

IBM's first commercial RDBMS on IBM's Virtual OS on Mainframe Machines

DB2 was exclusively made Available on IBM Mainframe OSs

**DB2 for LUW
DB2 for System i/OS
DB2 for System z/OS**

E.F. Codd

R. F. Boyce

Donald. D. Chamberlin

Today's Scenario

- DB2 is available in different **versions** and **editions** suitable for Small and Medium Businesses as well as Large Enterprises.

- Is available on all major platforms like Windows, Linux, Unix, Mac OS, AIX, HP-UX, Solaris and Mainframe Operating Systems.

- Is used by organizations from various industries like Banking, IT, Finance, Insurance, Transportation, Manufacturing, Social media, FMCG, Hospitality industries etc.

Competition

"IBM DB2 9.7 Shakes Up the DBMS Market With Oracle Compatibility"
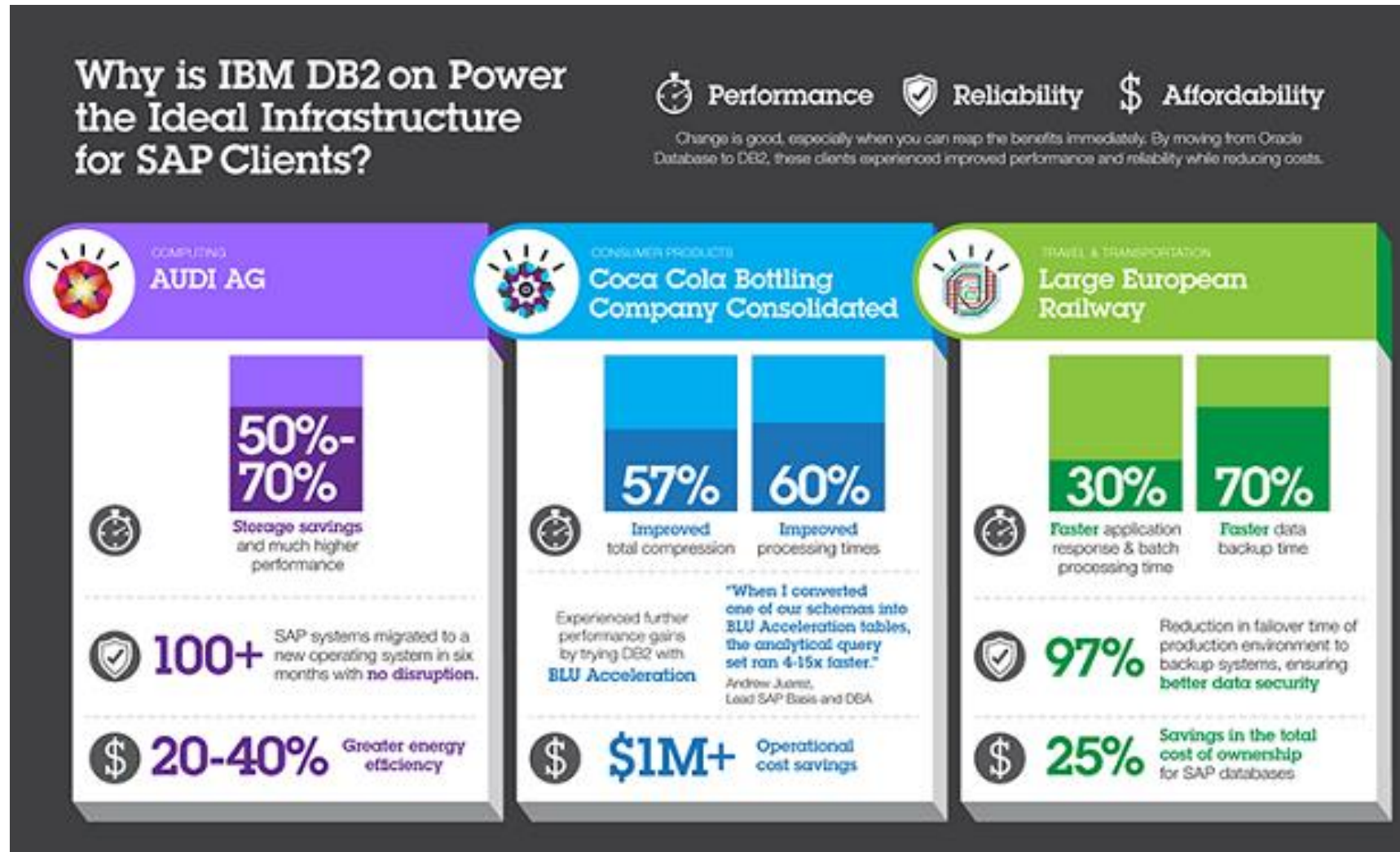
-- Gartner Inc

Why companies prefer DB2 ?

What's up with SAP users

IBM Migrates **700 SAP Customers** from Oracle to DB2

Source: **www.sapusers.org**

DB2 on Mainframes

600+ Organizations

company	city	state	country	source	Comments
PRT (Puerto Rico Telephone - Claro)	Guaynabo	PR	USA	Angel Diaz	
Deutsch Link to German Companies			Germany		
AAFES	Ducanville	TX	USA	Sandra	
AARP	Rockville	MD	USA	Charles Shorter	
Abraxas	Zurich		Switzerland	Michael Erbach	
ACS (Texas)		TX	USA	Melinda Sealey	
ACS State Healthcare	Atlanta	GA	USA		
Accenture					
Acuity Lighting Group Inc..	Atlanta	GA	USA	Mark Winn	
ADP			India	Srinivas K	
ADP, Inc.	Roseland	NJ	USA	Mark Winn	
Aegon	Cedar Rapids	IA	USA	Peper	insurance
Aetna	Middletown	CT	USA	Charles Shorter	
AEP	Columbus	OH	USA	Mark Young	Utility
AFLAC	Columbus	GA	USA	Mark Winn	
Ahold	Amsterdam		USA	Peper	insurance
AIG	Atlanta	GA	USA	Mark Winn	
AIG			USA	Peper	insurance
AIG Global Services	Livingston	NJ	USA	KLCameron	Insurance
AIG Global Services	Fort Worth	TX	USA	KLCameron	Insurance
Air France			France		
Air New Zealand	Auckland		New Zealand	Stefan Afendoulis	
Alcan Global ATI	North America				
Alcatel	Stuttgart/Milano		Germany/Italy	Michael Erbach	
Alcatel-Lucent	Atlanta	GA	USA	Mark Winn	

Source : mainframes.wikidot.com

What companies use DB2?

There are many, few of them are :

- Morgan Stanley
- PricewaterhouseCoopers(PwC)
- American Express
- Coca Cola
- IBM
- Deloitte
- VISA
- Open Systems Technologies

- Walmart
- TCS
- Infosys
- CSC
- Mastech
- Conexess Group
- Accenture
- HCL

- XEROX
- HP
- Guardian Life
- CapGemini
- WIPRO
- Kforce
- Accenture

-- source (indeed.com and glassdoor.com)