Video Game Database

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The Video Game Industry

- U.S. video game sales reach record breaking $43.4 Billion in 2018. Experiencing 18% growth
- Video game market expected to be worth over $90 Billion by 2020. $78.61 Billion in 2017
- 64% of American households are home to at least one person who plays video games regularly (3 hours a week).
- 60% of Americans play video games daily
- 45% of U.S. gamers are women

Super Smash Bros. Ultimate by Nintendo

★★★★★ ▼ | 1,729 customer reviews | 261 answered questions | Rated: Everyone 10+ ▼

Amazon's **Choice** for "super+smash+bros+ultimate"

$56⁹⁵ $59.99 Save $3.04 (5%)

Get it for less with trade-in. See what you'll save. ▸

Platform:
🎮 SWITCH

Edition:
Standard

○ Buy digital : $59⁸⁸ **Download now!**
◉ **Buy new** : $56⁹⁵
○ Buy used : $50⁹⁸

Get $70 off instantly: Pay $0.00 upon approval for the Amazon Prime Rewards Visa Card.

Platform: Nintendo Switch

FREE Delivery by **Monday** if you order within 8 hrs 7 mins. Details

Or try Amazon Day and get FREE delivery each week on the day you choose, as soon as **Monday** if you order within 8 hrs 7 mins.

In Stock.

Ships from and sold by Amazon.com. Gift-wrap available.

📍 **Deliver to John** - Eugene 97401

Qty: 1 ▾   Turn on 1-click ordering

🛒 Add to Cart

Product information

Platform:**Nintendo Switch** | Edition:**Standard**

ASIN	B01N5OKGLH
Release date	December 7, 2018
Customer Reviews	★★★★★ ⌄ **1,729 customer reviews** 4.8 out of 5 stars
Best Sellers Rank	#12 in Video Games (See Top 100 in Video Games) #1 in Video Games > Nintendo Switch > Games
Pricing	The strikethrough price is the List Price. Savings represents a discount off the List Price.
Product Dimensions	0.4 x 4.1 x 6.7 inches; 0.16 ounces
Media:	Video Game

Warranty & Support

Product warranty: For warranty information about this product, please click here. [PDF 13 KB]
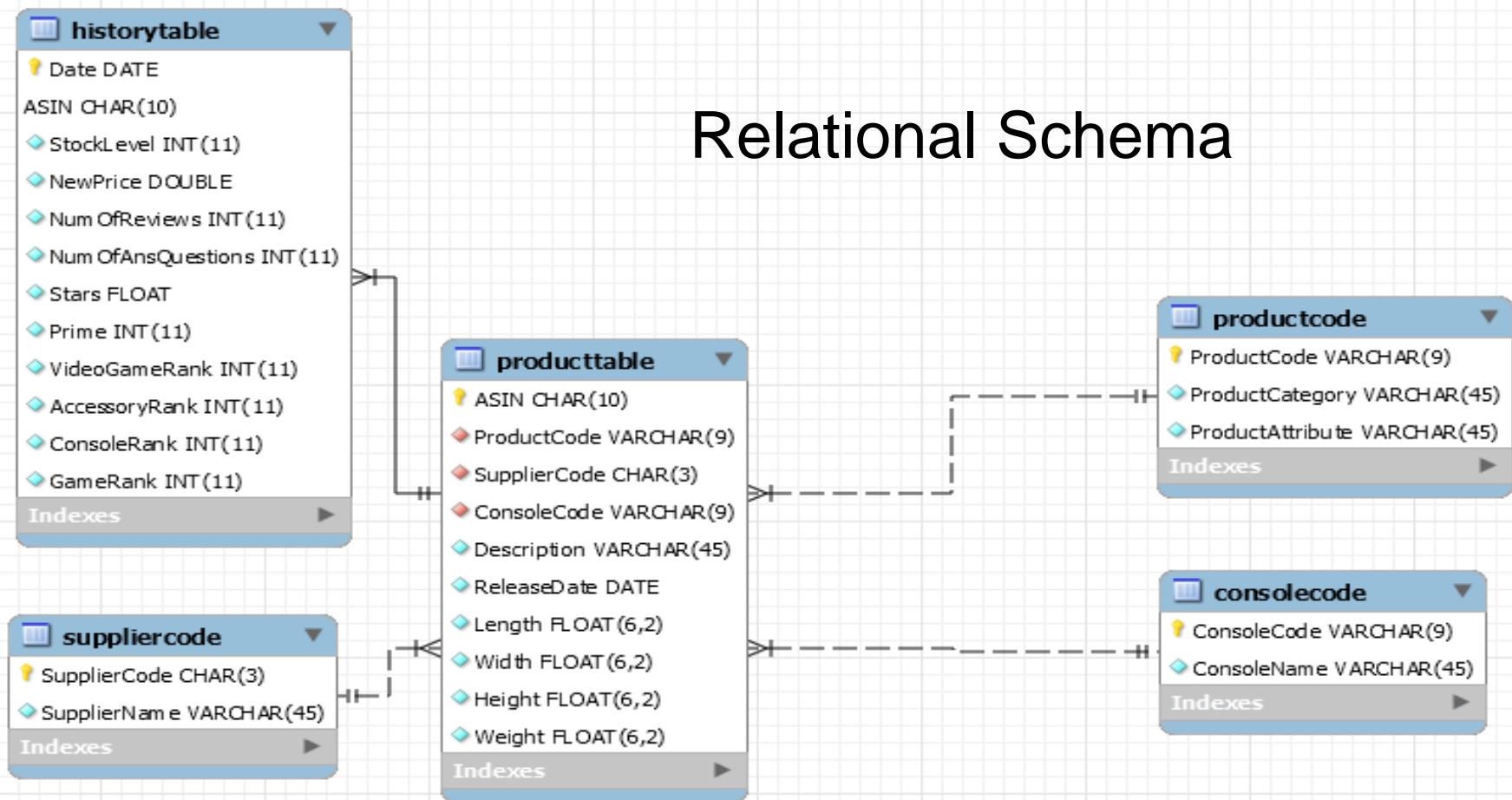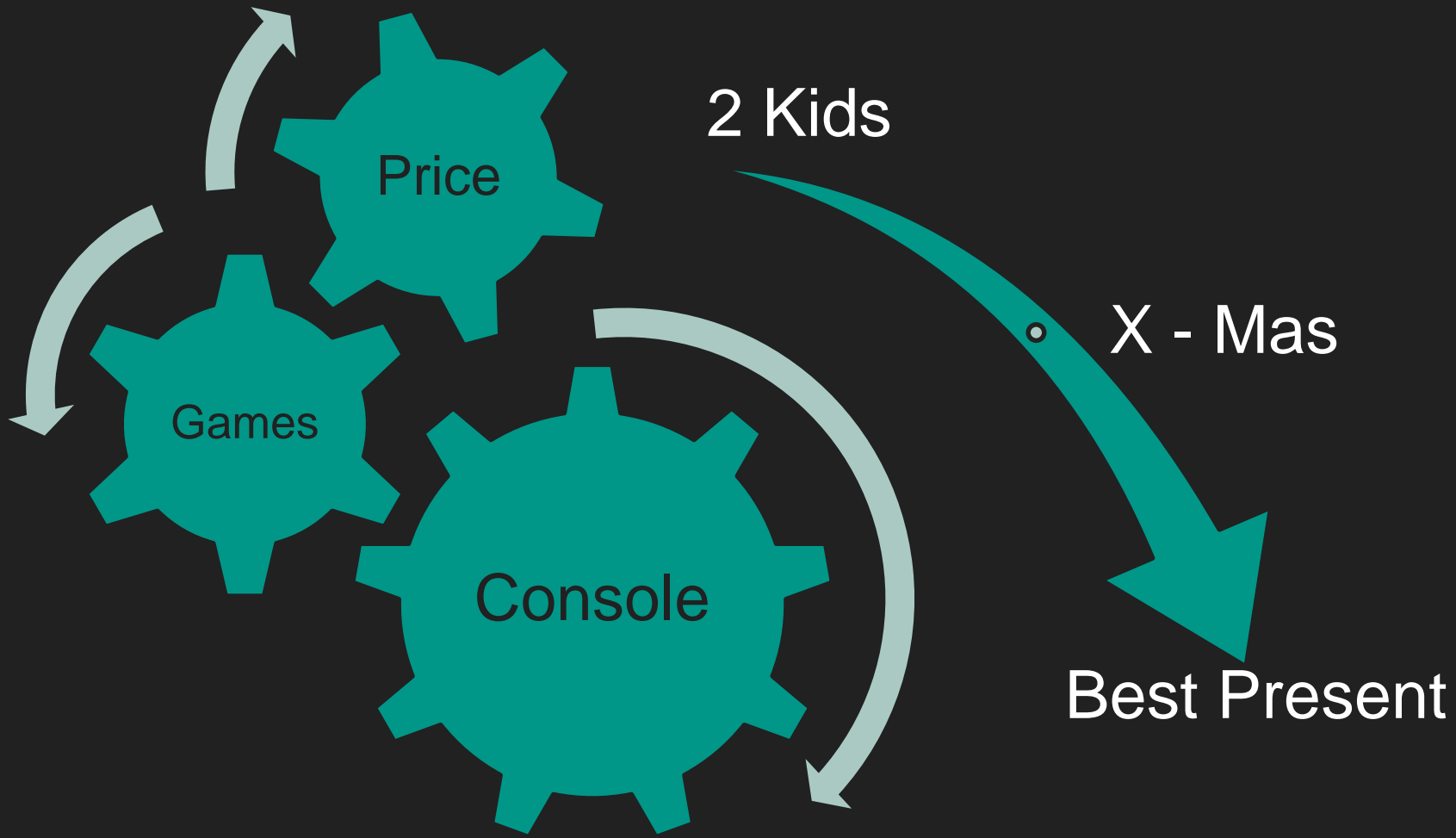
Feedback

If you are a seller for this product, would you like to **suggest updates through seller support**? Would you like to **tell us about a lower price**?
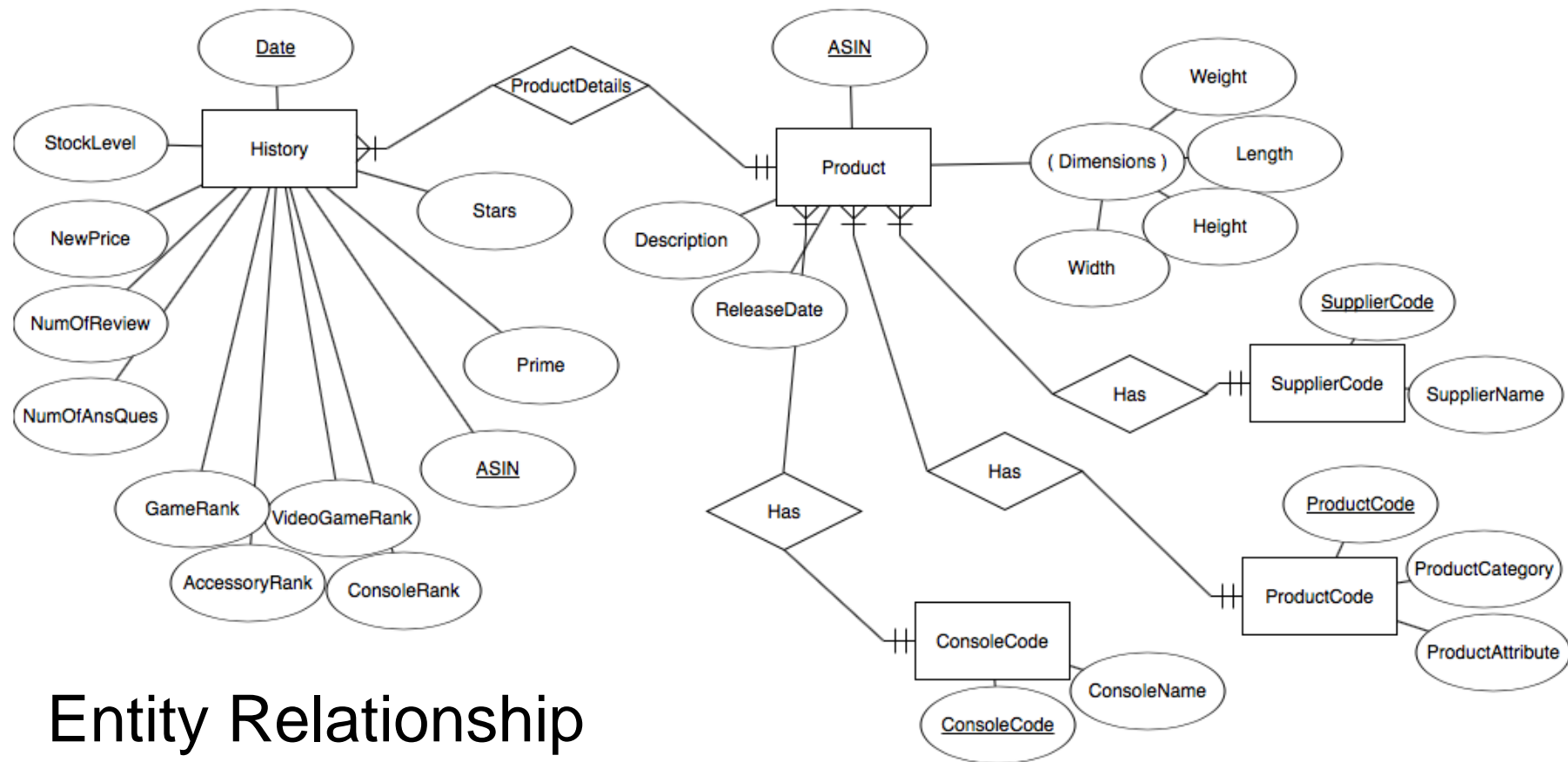
Entity Relationship

Relational Schema

historytable
- 🔑 Date DATE
- ASIN CHAR(10)
- ◇ StockLevel INT(11)
- ◇ NewPrice DOUBLE
- ◇ NumOfReviews INT(11)
- ◇ NumOfAnsQuestions INT(11)
- ◇ Stars FLOAT
- ◇ Prime INT(11)
- ◇ VideoGameRank INT(11)
- ◇ AccessoryRank INT(11)
- ◇ ConsoleRank INT(11)
- ◇ GameRank INT(11)
- Indexes ▶

producttable
- 🔑 ASIN CHAR(10)
- 🔴 ProductCode VARCHAR(9)
- 🔴 SupplierCode CHAR(3)
- 🔴 ConsoleCode VARCHAR(9)
- ◇ Description VARCHAR(45)
- ◇ ReleaseDate DATE
- ◇ Length FLOAT(6,2)
- ◇ Width FLOAT(6,2)
- ◇ Height FLOAT(6,2)
- ◇ Weight FLOAT(6,2)
- Indexes ▶

productcode
- 🔑 ProductCode VARCHAR(9)
- ◇ ProductCategory VARCHAR(45)
- ◇ ProductAttribute VARCHAR(45)
- Indexes ▶

consolecode
- 🔑 ConsoleCode VARCHAR(9)
- ◇ ConsoleName VARCHAR(45)
- Indexes ▶

suppliercode
- 🔑 SupplierCode CHAR(3)
- ◇ SupplierName VARCHAR(45)
- Indexes ▶

Video Game Query

```sql
SELECT pt.ConsoleCode, count(ht.ASIN) Entries, round(avg(ht.NewPrice),0) Price,
    round(avg(ht.NumOfReviews),2) Reviews,round(avg(ht.VideoGameRank),0) Ranking
FROM historytable ht, producttable pt
WHERE ht.ASIN = pt.ASIN and pt.productcode like "GA%"
GROUP BY pt.ConsoleCode;
```

	ConsoleCode	Entries	Price	Reviews	Ranking
▶	PS4	35	45	284.26	335
	SWITCH	15	42	647.93	185
	XONE	25	43	63.12	783

Supplier Performance

```sql
SELECT sc.SupplierName, round(avg(ht.Stars),2) AvgStar, round(avg(ht.NumOfReviews),0) AvgReviews,
    round(avg(ht.NumOfAnsQuestions),0) AvgNumAnsQuest, round(avg(ht.VideoGameRank),0) AvgRank
FROM historytable ht, producttable pt, suppliercode sc
WHERE ht.ASIN = pt.ASIN and sc.SupplierCode = pt.SupplierCode and ht.VideoGameRank < 1000 and ht.VideoGameRank <>0
GROUP BY sc.SupplierName
ORDER BY SupplierName ASC;
```

Result Grid | Filter Rows: | Export: | Wrap Cell

SupplierName	AvgStar	AvgReviews	AvgNumAnsQuest	AvgRank
Bandai Namco	4.16	70	33	427
Microsoft	3.78	965	192	252
Nintendo	4.53	1275	196	186
Seagate	4.30	1681	530	92
Sony	3.72	2085	365	148
Ubisoft	2.27	162	40	180
WB Games	3.74	101	58	449

```sql
SELECT pc.ProductAttribute, pt.ConsoleCode, round(avg(ht.NewPrice),2) AvgPrice
FROM historytable ht, producttable pt, productcode pc
WHERE ht.ASIN = pt.ASIN and pc.ProductCode = pt.ProductCode and
(pc.ProductCode = 'AC_CON' or pc.ProductCode = 'AC_CSL+')
GROUP BY pc.ProductAttribute, pt.ConsoleCode
order by pc.ProductAttribute Desc, AvgPrice Asc
```

Accessory Query

ProductAttribute	ConsoleCode	AvgPrice
Controller	XONE	45.99
Controller	PS4	46.59
Controller	SWITCH	48.52
Console Add-On	XONE	17.97
Console Add-On	SWITCH	45.88
Console Add-On	PS4	54.42

```sql
Drop view beatingAverageStar;

create view beatingAverageStar as

select pt. ASIN, pt.Description ,pt.ConsoleCode, round(avg(ht.Stars),2) AvgStar
from historytable ht, producttable pt
where ht.ASIN = pt.ASIN and pt.ProductCode like 'GA%' and ht.Prime = 1
group by pt.Description, pt.ConsoleCode
having avg(ht.Stars) >= 3;

Drop view beatingAverageNumReview;

create view beatingAverageNumReview as

select pt.ASIN, pt.Description ,pt.ConsoleCode
from historytable ht, producttable pt
where ht.ASIN = pt.ASIN and pt.ProductCode like 'GA%' and ht.Prime = 1
group by pt.Description, pt.ConsoleCode
having avg(ht.NumOfReviews) >= 50;

SELECT bas.Description, bas.ConsoleCode, bas.AvgStar
FROM beatingaveragestar bas
    INNER JOIN beatingaveragenumreview banr
ON banr.ASIN = bas.ASIN
order by bas.AvgStar Desc;
```

"Viewunion"

Description	ConsoleCode	AvgStar
Super Smash Bros. Ultimate	SWITCH	4.80
Spiderman	PS4	4.70
Assassin's Creed Odyssey	XONE	4.67
Assassin's Creed Odyssey	PS4	4.40
Fortnite: Deep Freeze Bundle	XONE	4.34
Hitman 2	PS4	4.12
Dark Souls Remastered	SWITCH	4.10
Fortnite: Deep Freeze Bundle	PS4	3.50

Thank You

Nintendo Switch

Business Impact

Reactive Database
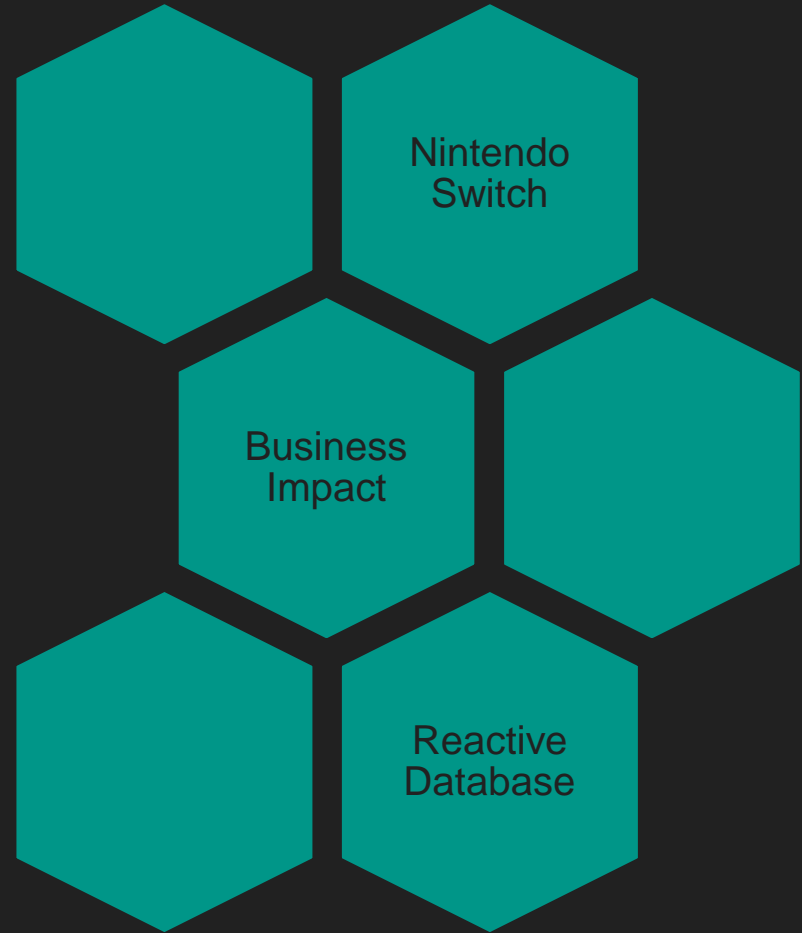
Bibliography

Video game industry facts sourced from the Electronic Software Association