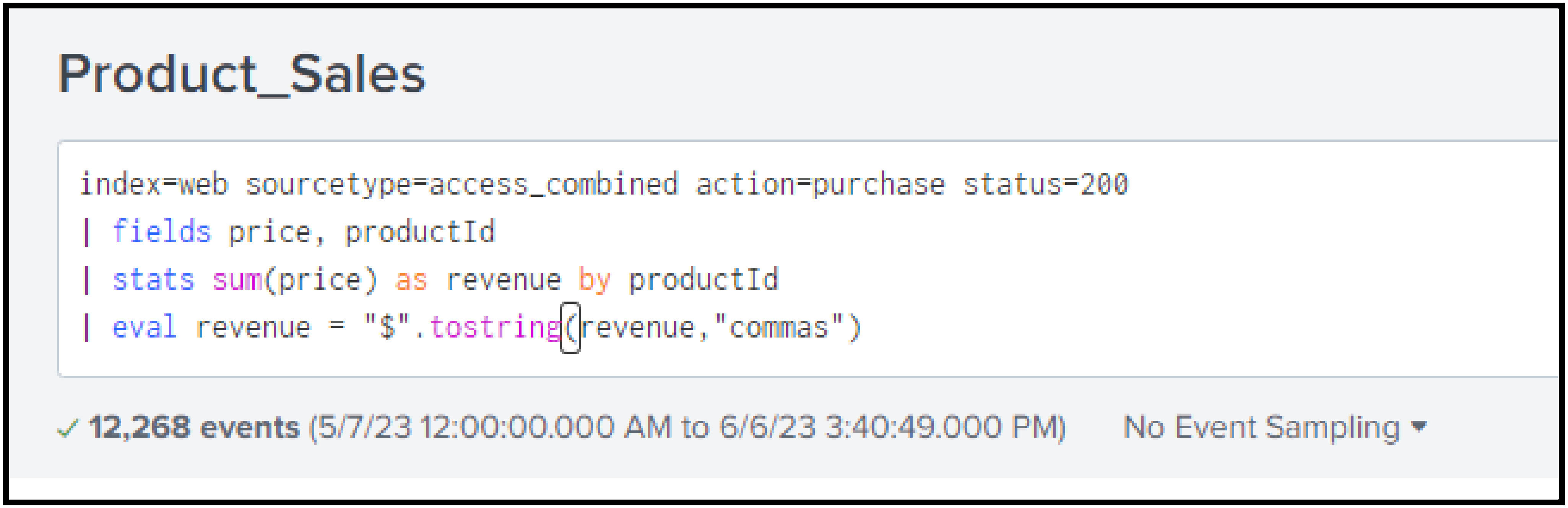
Project # 2

Kadie Johnstun



Product_Sales

```
index=web sourcetype=access_combined action=purchase status=200
| fields price, productId
| stats sum(price) as revenue by productId
| eval revenue = "$".tostring(revenue,"commas")
```

✓ **12,268 events** (5/7/23 12:00:00.000 AM to 6/6/23 3:40:49.000 PM)

(Situation) Splunk is used to take so much data and use it to narrow down your search based on the criteria you want to use to make informed decisions.

(Task) I created a search in Splunk that looks at the fields of Price (price) and Product (productid) in the web index.

(Action) This allows us to look at the different products by the revenue it produces.

(Result) See Below.

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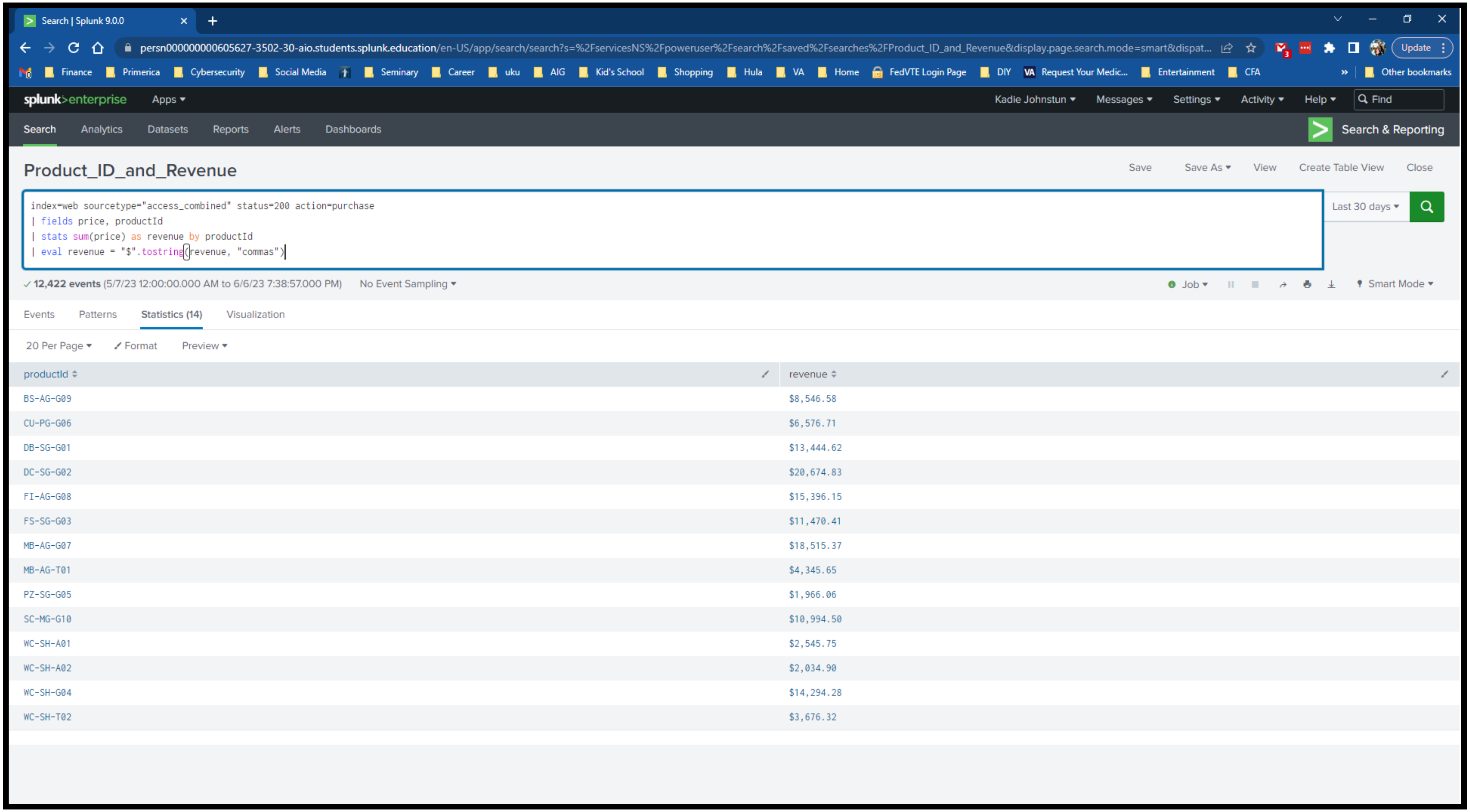

Product_ID_and_Revenue

```
index=web sourcetype="access_combined" status=200 action=purchase
| fields price, productId
| stats sum(price) as revenue by productId
| eval revenue = "$".tostring(revenue, "commas")
```

✓ 12,422 events (5/7/23 12:00:00.000 AM to 6/6/23 7:38:57.000 PM) No Event Sampling

productId	revenue
BS-AG-G09	$8,546.58
CU-PG-G06	$6,576.71
DB-SG-G01	$13,444.62
DC-SG-G02	$20,674.83
FI-AG-G08	$15,396.15
FS-SG-G03	$11,470.41
MB-AG-G07	$18,515.37
MB-AG-T01	$4,345.65
PZ-SG-G05	$1,966.06
SC-MG-G10	$10,994.50
WC-SH-A01	$2,545.75
WC-SH-A02	$2,034.90
WC-SH-G04	$14,294.28
WC-SH-T02	$3,676.32

First, we see that the search has produced 20 items per page and how much revenue is being made by the item.

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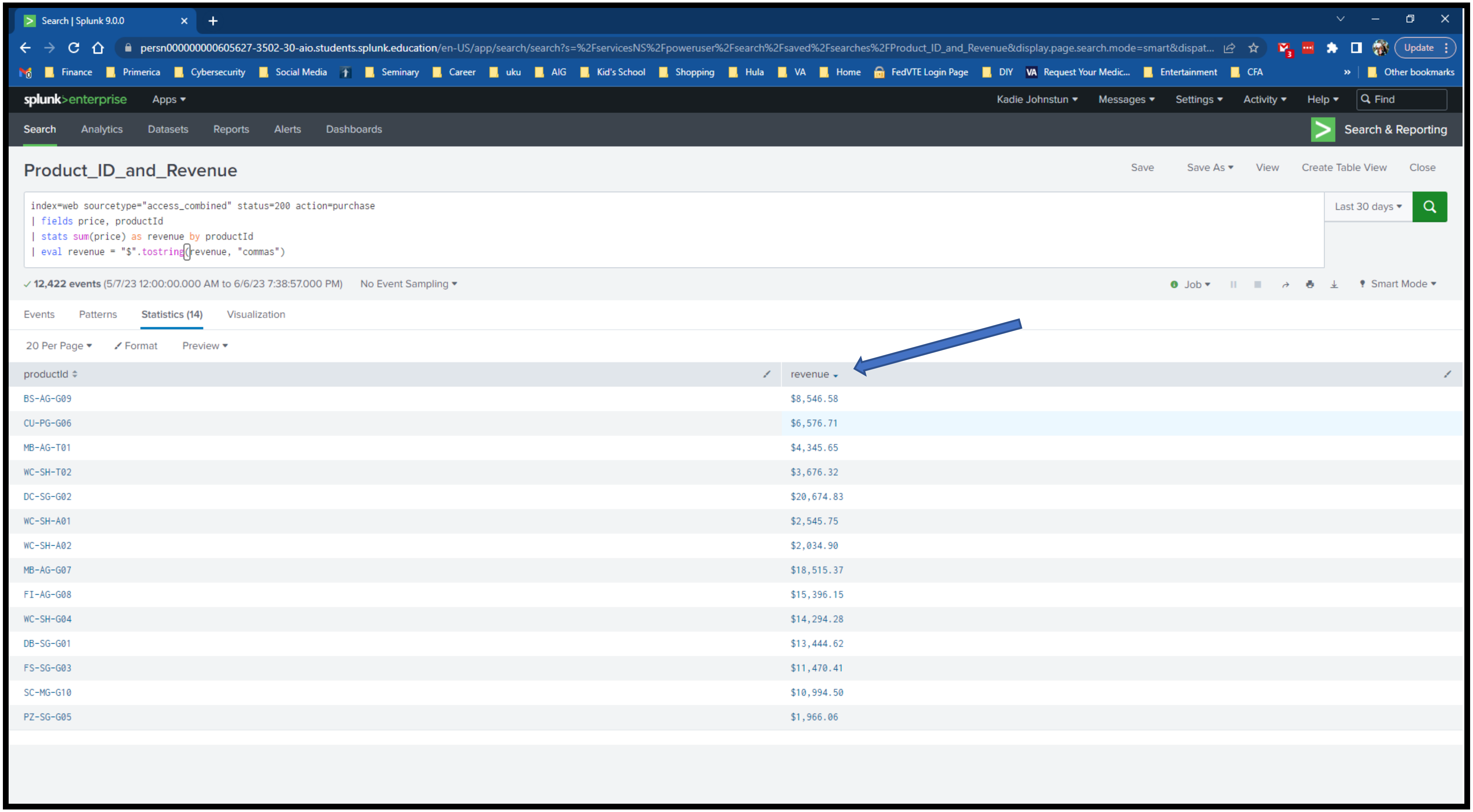

Product_ID_and_Revenue

```
index=web sourcetype="access_combined" status=200 action=purchase
| fields price, productId
| stats sum(price) as revenue by productId
| eval revenue = "$".tostring(revenue, "commas")
```

✓ 12,422 events (5/7/23 12:00:00.000 AM to 6/6/23 7:38:57.000 PM)

productId	revenue
BS-AG-G09	$8,546.58
CU-PG-G06	$6,576.71
MB-AG-T01	$4,345.65
WC-SH-T02	$3,676.32
DC-SG-G02	$20,674.83
WC-SH-A01	$2,545.75
WC-SH-A02	$2,034.90
MB-AG-G07	$18,515.37
FI-AG-G08	$15,396.15
WC-SH-G04	$14,294.28
DB-SG-G01	$13,444.62
FS-SG-G03	$11,470.41
SC-MG-G10	$10,994.50
PZ-SG-G05	$1,966.06

We can now filter by revenue or product ID.

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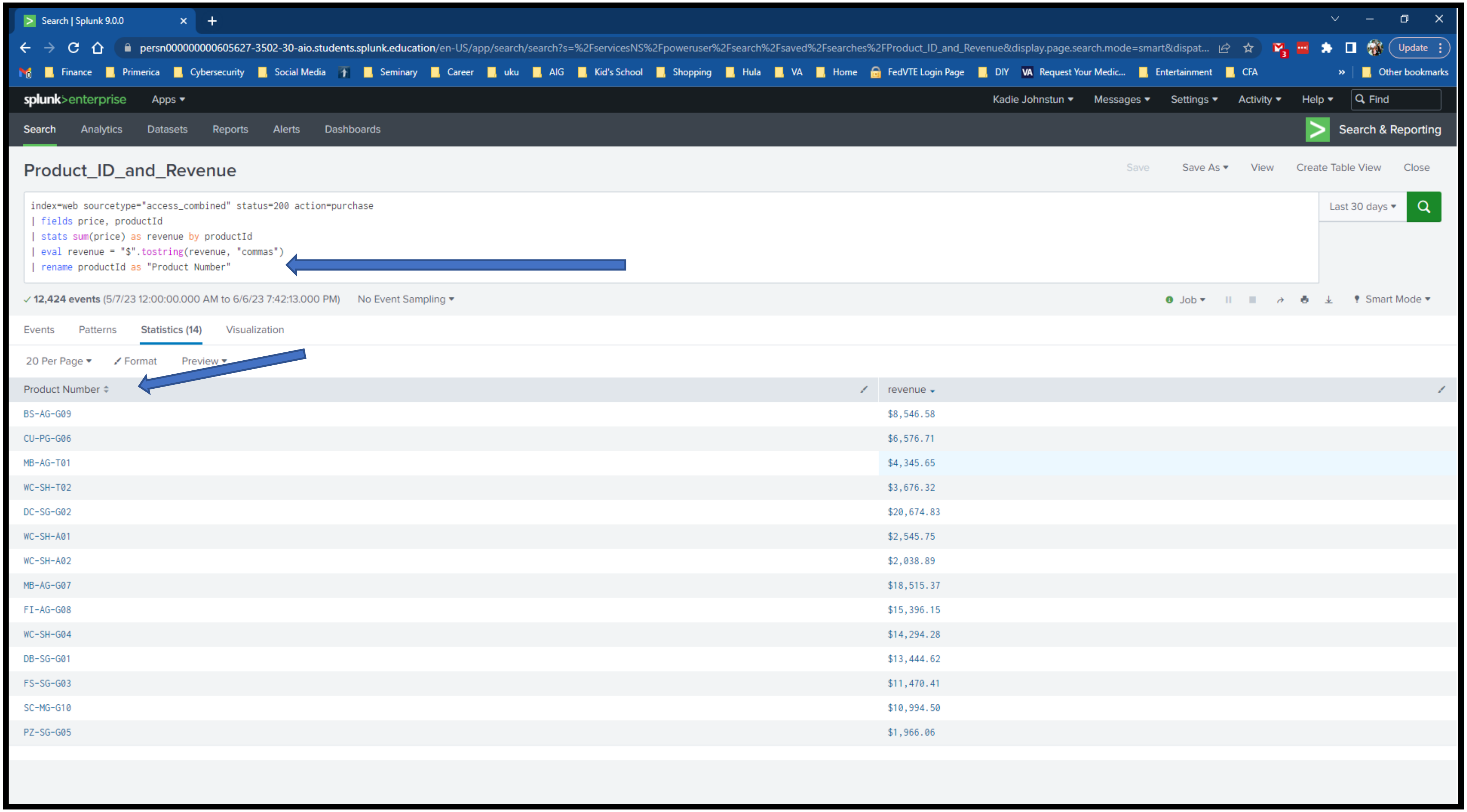

Product_ID_and_Revenue

```
index=web sourcetype="access_combined" status=200 action=purchase
| fields price, productId
| stats sum(price) as revenue by productId
| eval revenue = "$".tostring(revenue, "commas")
| rename productId as "Product Number"
```

✓ 12,424 events (5/7/23 12:00:00.000 AM to 6/6/23 7:42:13.000 PM) No Event Sampling

Product Number	revenue
BS-AG-G09	$8,546.58
CU-PG-G06	$6,576.71
MB-AG-T01	$4,345.65
WC-SH-T02	$3,676.32
DC-SG-G02	$20,674.83
WC-SH-A01	$2,545.75
WC-SH-A02	$2,038.89
MB-AG-G07	$18,515.37
FI-AG-G08	$15,396.15
WC-SH-G04	$14,294.28
DB-SG-G01	$13,444.62
FS-SG-G03	$11,470.41
SC-MG-G10	$10,994.50
PZ-SG-G05	$1,966.06

The final thing that we have done is change the table name from productid to Product Number.

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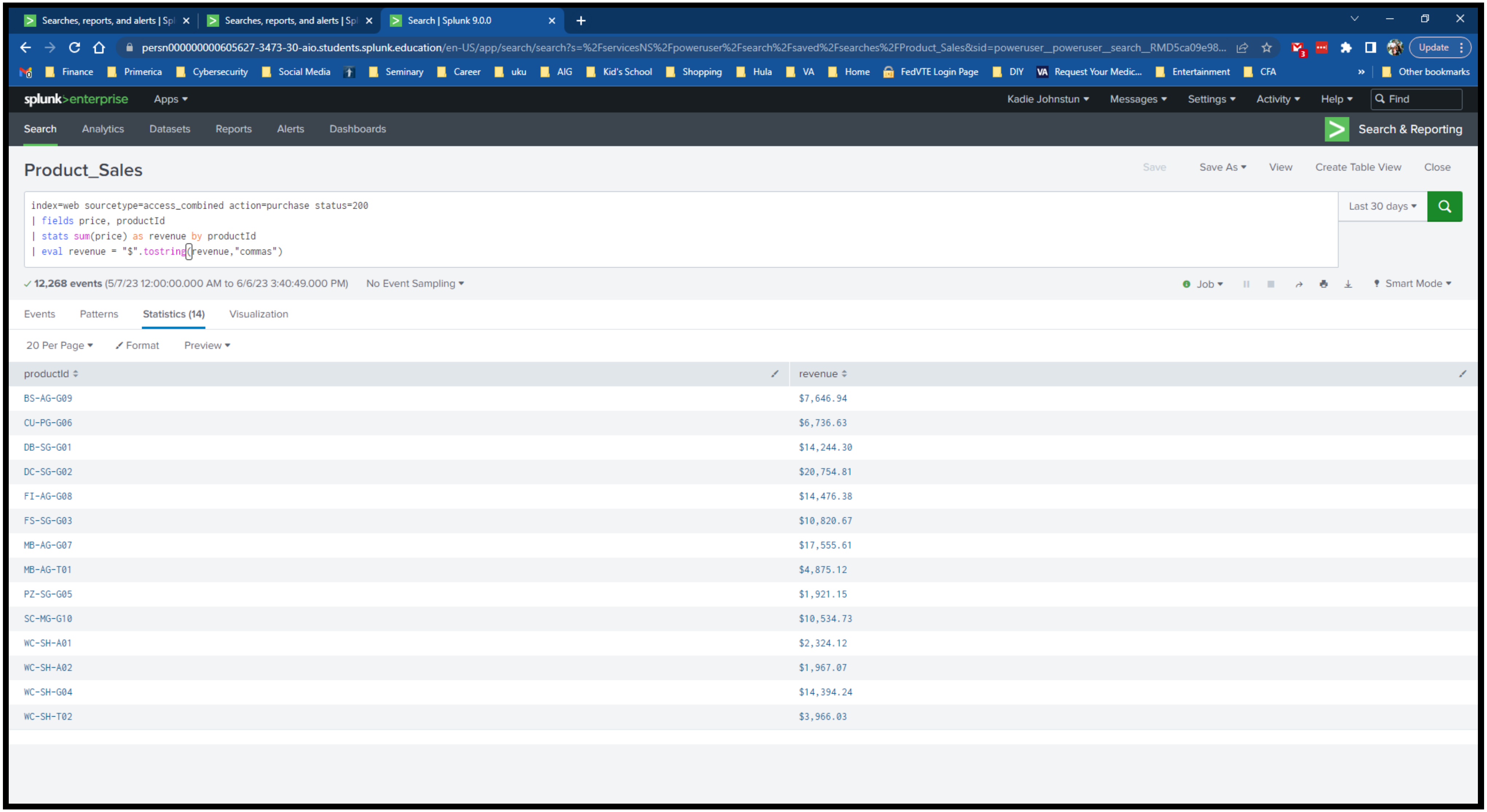

Product_Sales

```
index=web sourcetype=access_combined action=purchase status=200
| fields price, productId
| stats sum(price) as revenue by productId
| eval revenue = "$".tostring(revenue,"commas")
```

✓ 12,268 events (5/7/23 12:00:00.000 AM to 6/6/23 3:40:49.000 PM) No Event Sampling

productId	revenue
BS-AG-G09	$7,646.94
CU-PG-G06	$6,736.63
DB-SG-G01	$14,244.30
DC-SG-G02	$20,754.81
FI-AG-G08	$14,476.38
FS-SG-G03	$10,820.67
MB-AG-G07	$17,555.61
MB-AG-T01	$4,875.12
PZ-SG-G05	$1,921.15
SC-MG-G10	$10,534.73
WC-SH-A01	$2,324.12
WC-SH-A02	$1,967.07
WC-SH-G04	$14,394.24
WC-SH-T02	$3,966.03