

Total Oil Barrel Production

75M

Average Oil Barrel Production

284K

Min Oil Barrel Production

198K

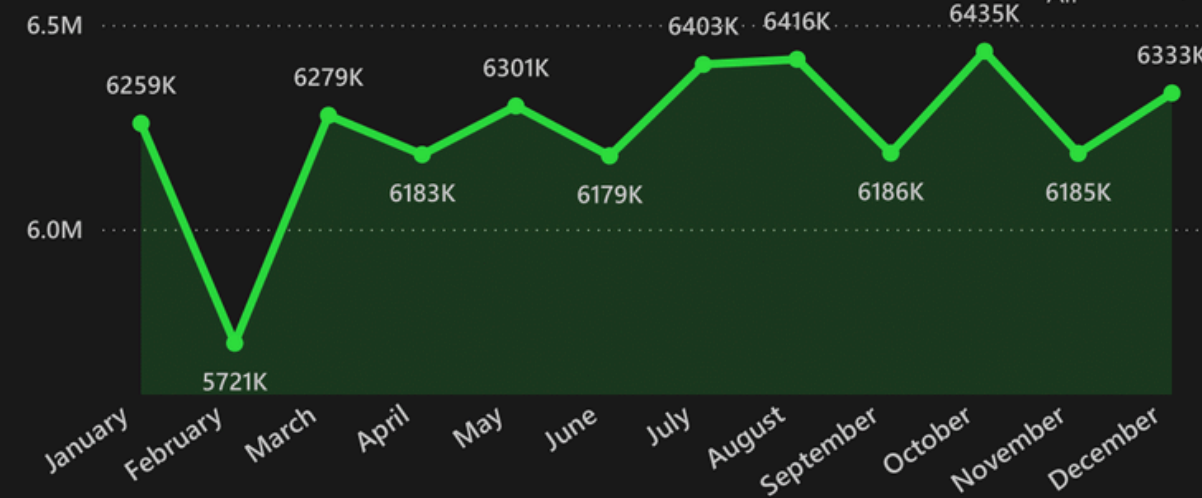
Max Oil Barrel Production

360K

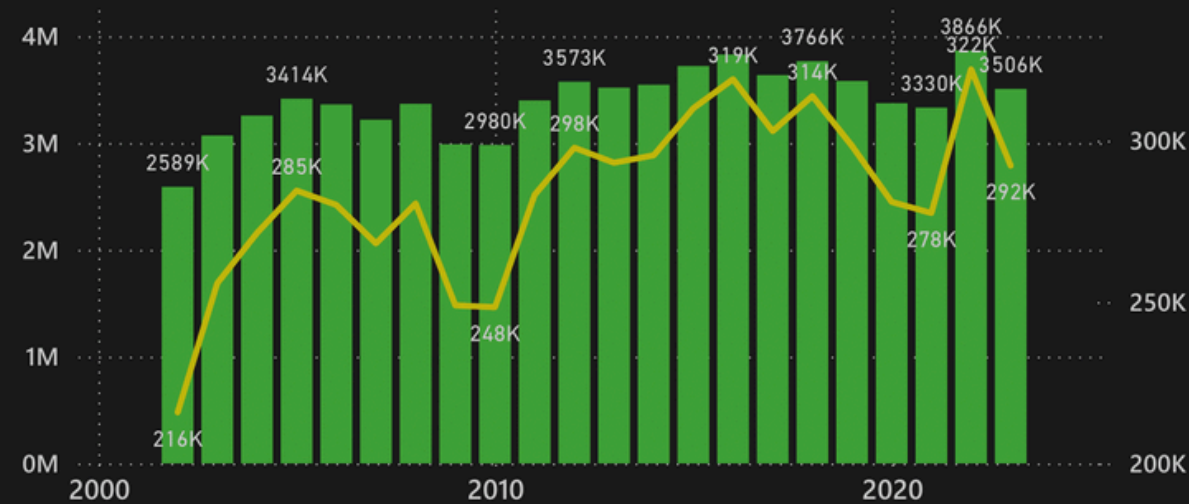
Total Oil Barrel Production by Month

Year

All



Total Oil Barrel Production by Year



% of Production by Month

October

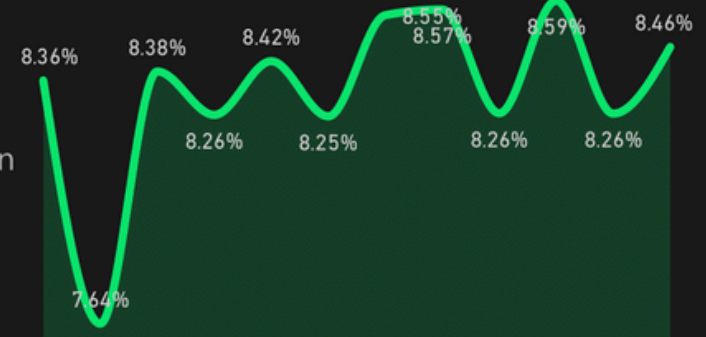
8.59%
Total Production

August

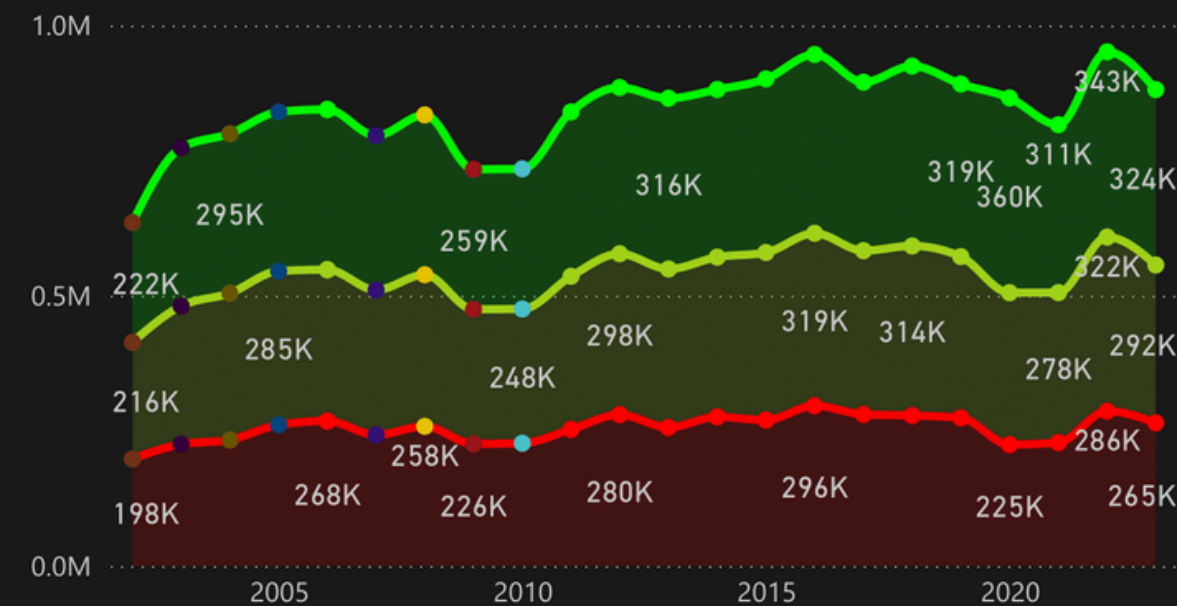
8.57%
Total Production

July

8.55%



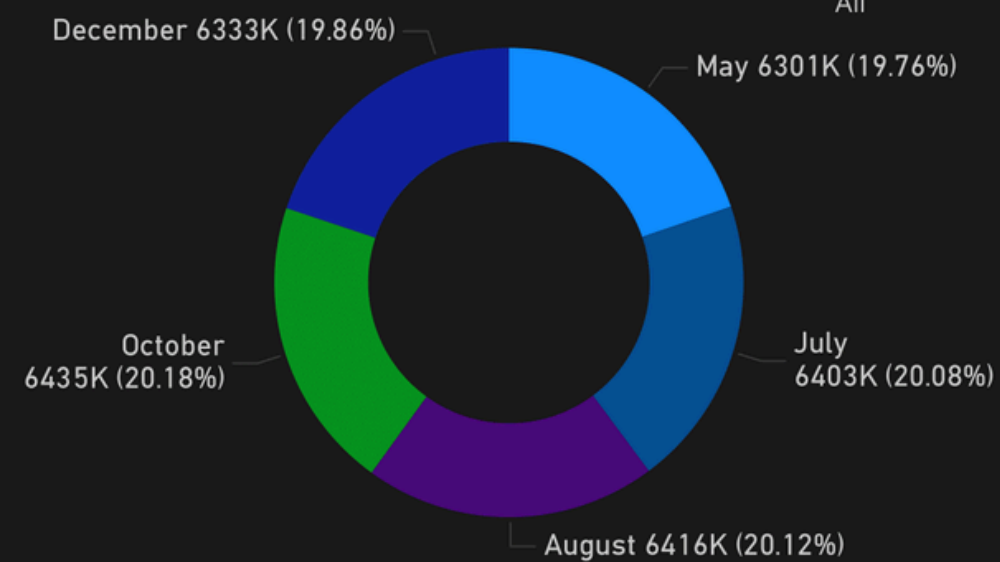
Production Growth by Year



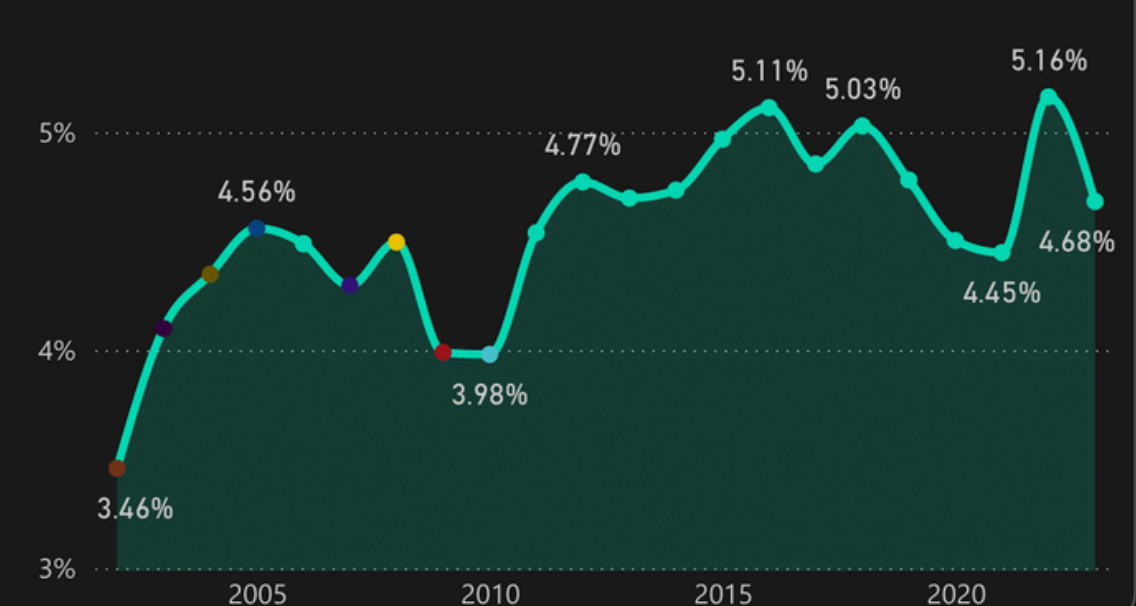
Peak Production by Month

Year

All



% of Total Production by Year



Total Oil Barrel Production

75M

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284K

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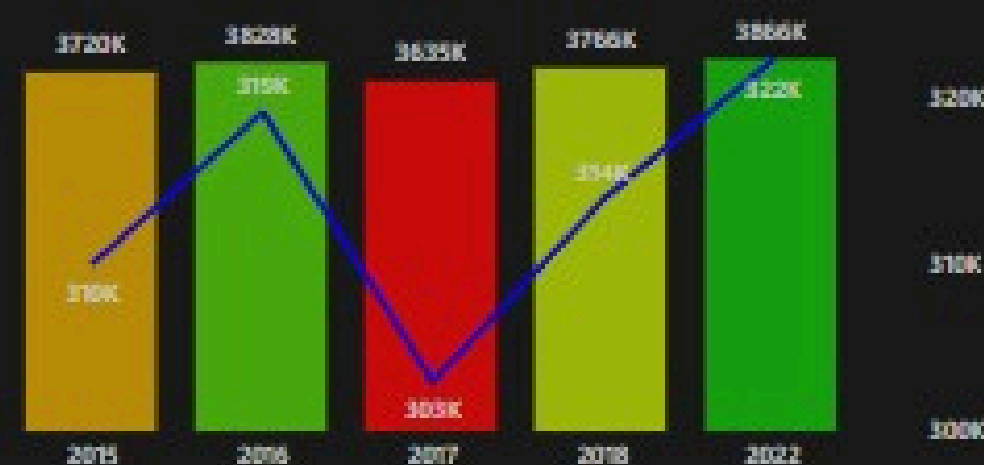
Max Oil Barrel Production

360K

Top 5 Months by production



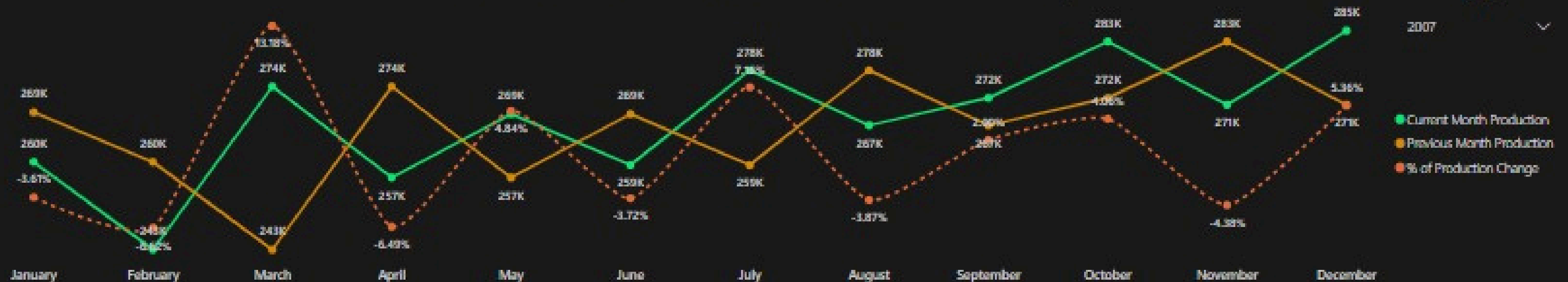
Top 5 Years by Production



Bottom 5 Months by production



Current Month & Previous Month Production with % of Production Change



720750 March 6278585 April 6182520 May 6301370 June 6179400 July 6403174 August 6415729 September



Total Oil Barrel Production

75M

Average Oil Barrel Production

284K

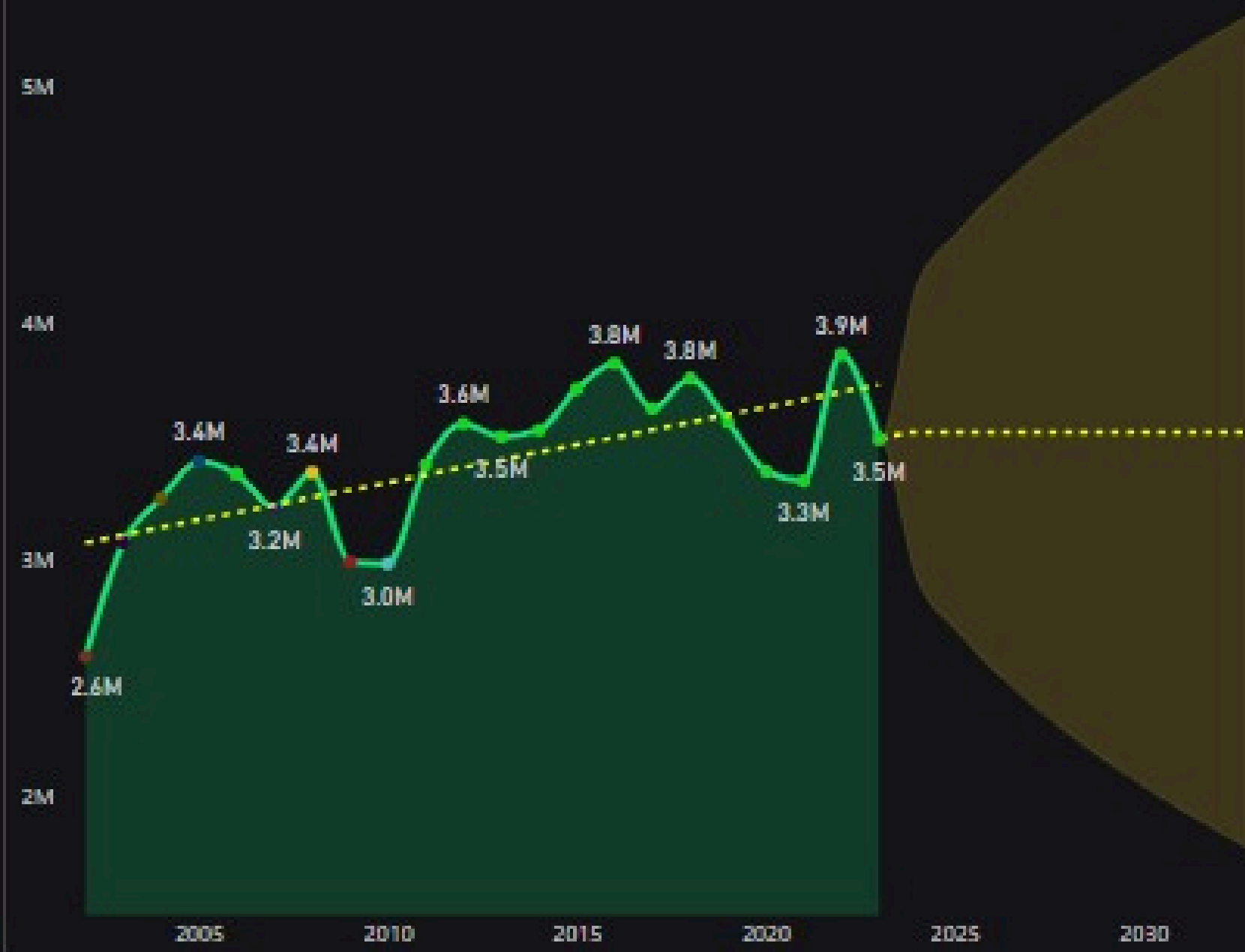
Min Oil Barrel Production

198K

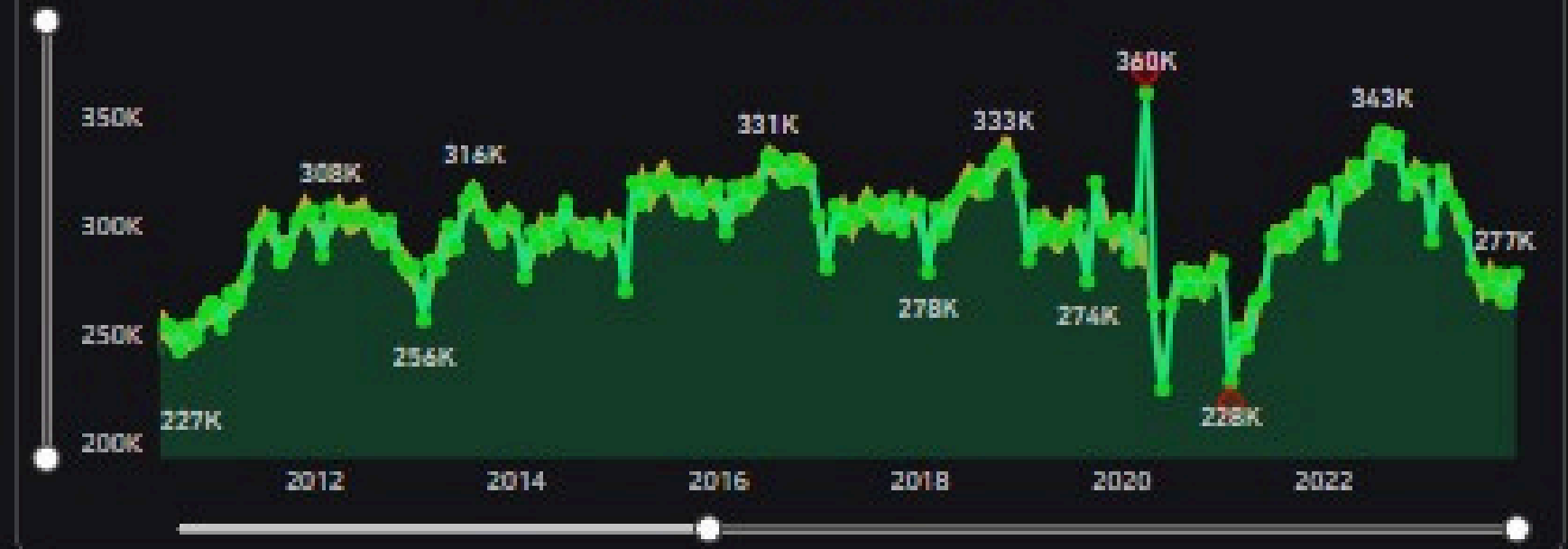
Max Oil Barrel Production

360K

Forecast for Next 10 Years



Anomaly Detection By Timeline



Forecast for Next 5 Years With Months



Summary & Insights – Saudi Arabia Oil Production Analysis

Project Overview :-

The oil production analysis reveals key insights supported by detailed KPIs, guiding strategic decisions. Total production is **75 million barrels**, averaging **284,000 barrels**, with a minimum of **198,000** and a peak of **360,000 barrels**, reflecting operational fluctuations.

On the Dashboard Page, October leads production with **8.59%**, followed by August (**8.57%**) and July (**8.55%**), while February and April show the lowest levels, indicating seasonal patterns. Yearly growth peaks in 2016 and 2022, driven by strategic expansion, with December showing a **19.88%** spike.

The Trend Analysis Page confirms October and August as top production months, with February and June at the bottom. The highest month-over-month growth occurs in May. The Forecast Page predicts stabilization at **3.5 million barrels** over the next decade, suggesting market maturity. Anomalies, especially in 2020, highlight market disruptions. Strategic recommendations include optimizing production during high-demand months, addressing anomalies to minimize risks, and aligning operations with forecasted trends for sustained profitability and market adaptability. The data provides key insights into production trends, growth, and future forecasts.

Data Source, Privacy, and Compliance :-

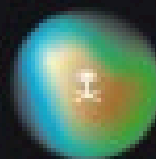
This Oil Production Analysis Dashboard provides insights into total production, trends, peak performance, anomaly detection, and future forecasts, helping stakeholders make data-driven decisions. The dataset is sourced from official Saudi government portals, including [Saudi Open Data](#) and the [Ministry of Energy](#), ensuring accuracy and transparency. Data privacy and compliance are maintained by excluding personally identifiable information (PII) and following Saudi Data & AI Authority (SDAIA) guidelines.

Key Points:

1. **Data Source:** Saudi Open Data & Ministry of Energy
2. **Privacy & Compliance:** No PII; follows ethical data usage policies
3. **Transparency:** Data is sourced from official government portals
4. **Purpose:** Supports strategic decision-making through production analytics
5. **Terms & Conditions:** Informational use only; data stays original.

GO TO DASHBOARD

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MINISTRY OF ENERGY



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VISION
2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



OPEN DATA PLATFORM
منصة البيانات المفتوحة



Created By
ARAFAT SIDDIQUI