Abhishek Katta: Technical Content Portfolio

Contents

Chapter 1. User Guide

How to Manage your Newsletter on Notion

Overview

Whether you're a writer or content creator, you can manage every step of your newsletter creation process on Notion.
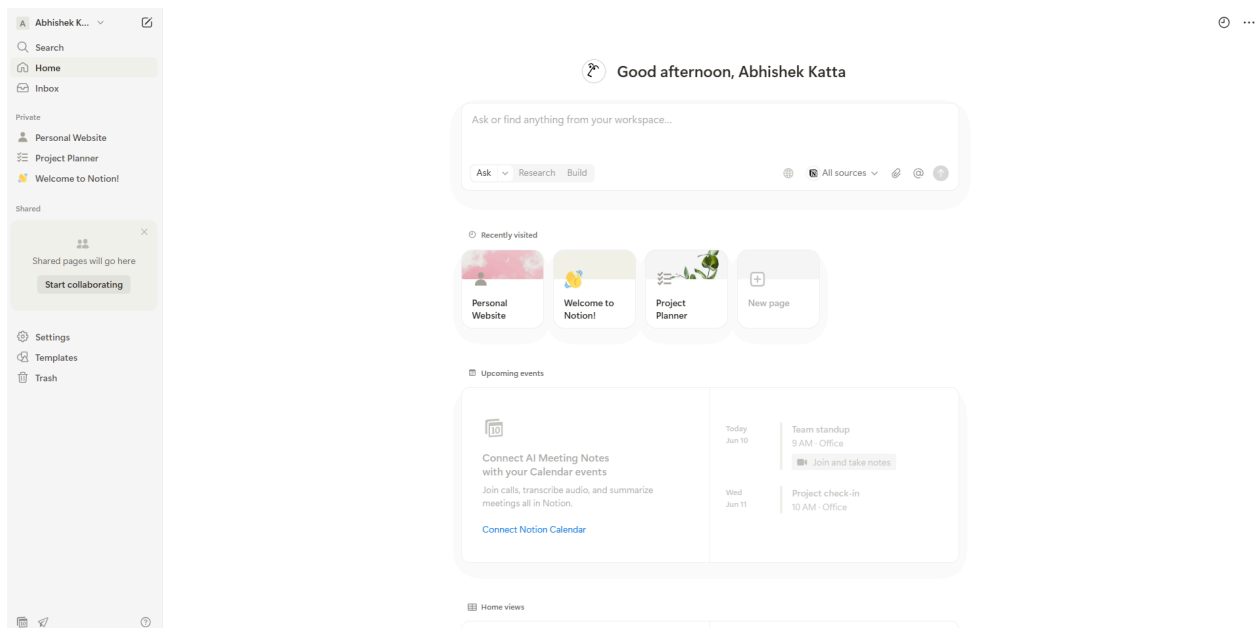
This guide covers:

1. What is Notion?
2. Setting Up Your Writer Profile and Goals
3. Capturing and Organizing Ideas
4. Building a Repeatable Writing Process
5. Managing a Content Calendar

1. What is Notion?

Notion is a productivity platform that integrates note-taking, planning and task management, into a single customizable interface.

Figure 1: Example homepage on Notion workspace.

2. Setting Up Your Writer Profile and Goals

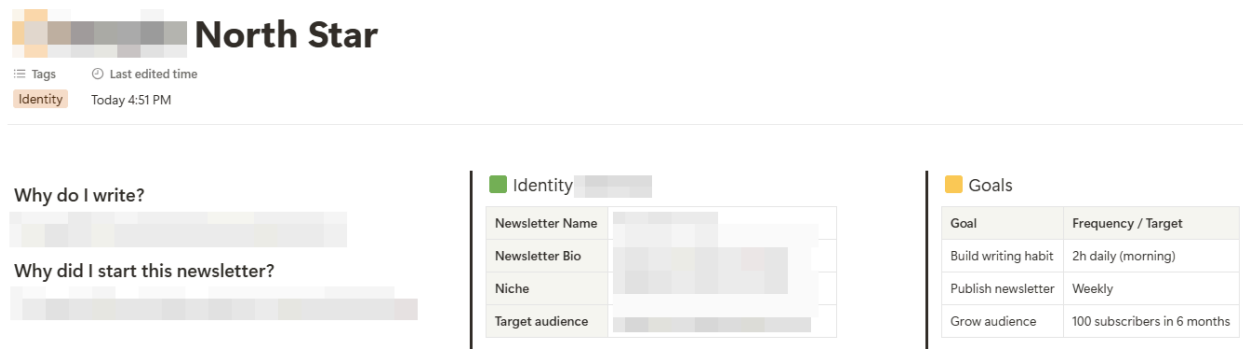Define your writing goals and identity for your newsletter on your north star page.

First, answer the following questions:

1. Why are you writing this newsletter?
2. Who is your audience?
3. What is your niche?
4. What is the goal of your newsletter? What do you want your readers to feel, learn, or take away?

Create a new page to enter this information.

Figure 2: How to create a new page.

Figure 3: Example of north star page with motivation, identity and goals.

3. Capturing and Organizing Ideas

Learn how to capture ideas with ease. When you're ready to work on an idea, convert it into a working draft.

Watch this video to streamline your content creation process:

https://www.youtube.com/embed/HWFloFmtFN4?si=JMbCrmNxPKFhmSUJ

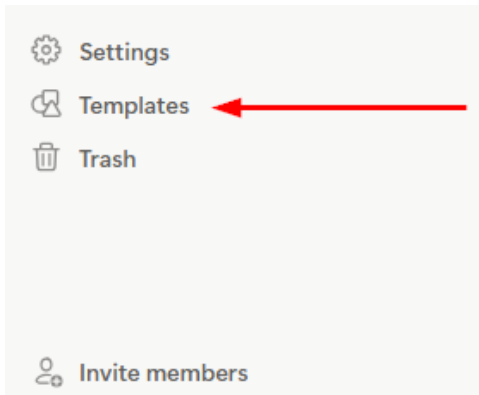Your 2-step content creation workflow is now ready.

4. Building a Repeatable Writing Process

Build a sustainable writing habit by using a Kanban board to systemize your content creation process.

Follow these steps:

1. Create a new page for Planning.
2. Import your preferred Kanban template.

    Figure 4: On the sidebar, click on the Templates icon.

3. Customize the Kanban with additional metadata such as deadlines or publishing dates.

    Figure 5: Example of planner with status and publication date.

5. Managing a Content Calendar
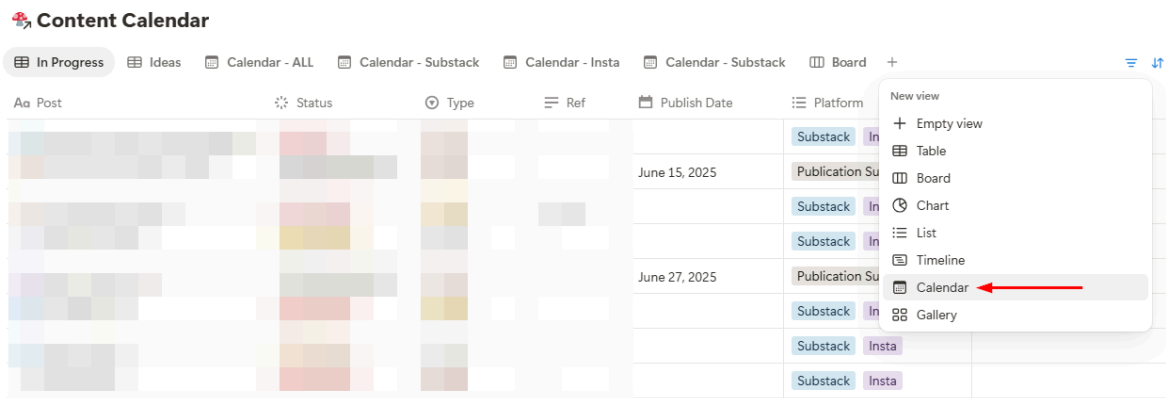
Set up a calendar to plan and track publishing dates.

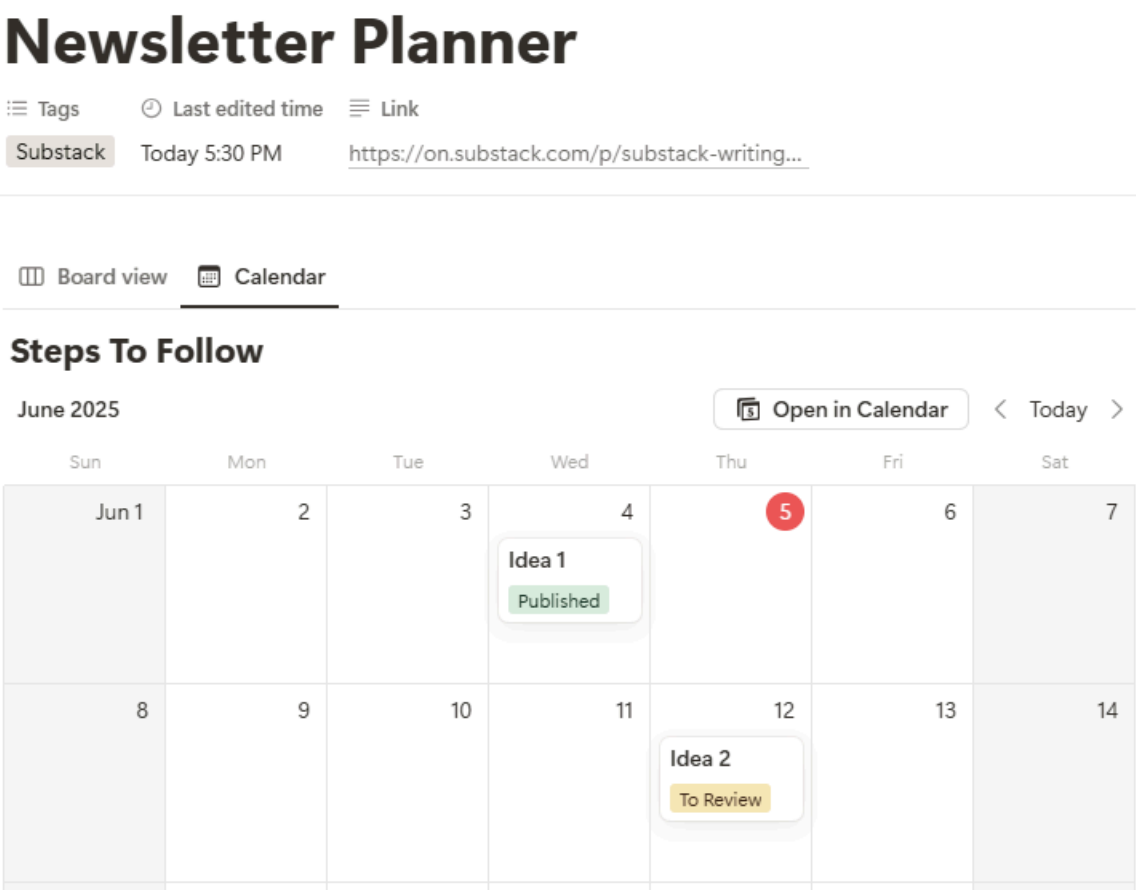Follow these steps to create a calendar view from your Kanban board:

1. Next to "board" view on your Newsletter Planner page, click on the "+" button and select Calendar".

   Figure 6: How to add calendar view.

2. View existing tasks with "Publication Date" or "Add New" page to get started.

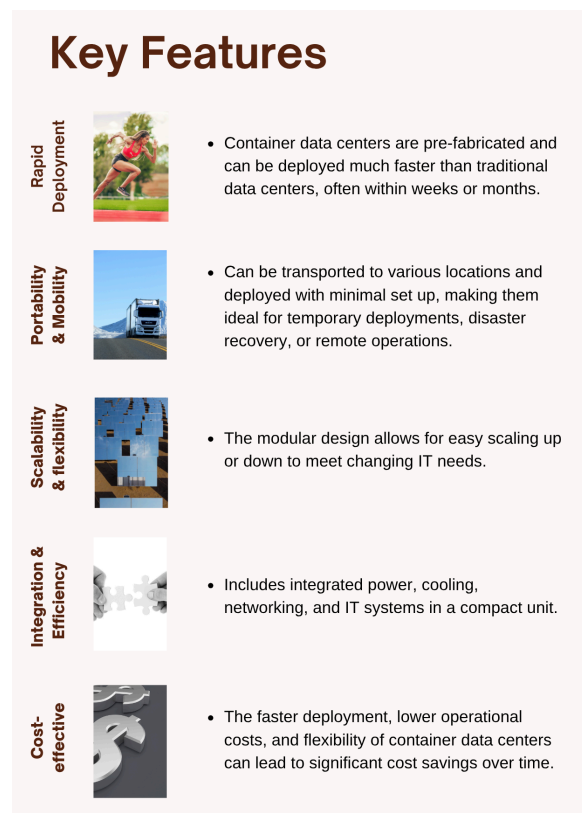Figure 7: Example content calendar view.

Chapter 2. Primer

Introduction to Container Data Centers

Summary

A container data center is a self-contained, portable computing facility built into a standard shipping container or similar modular enclosure. They offer a cost-effective and flexible approach to deploying infrastructure in diverse environments—ranging from edge computing sites and remote industrial operations to temporary or disaster recovery locations.

Figure 1: Benefits and features of container data centers.

Key Features

Rapid Deployment		• Container data centers are pre-fabricated and can be deployed much faster than traditional data centers, often within weeks or months.
Portability & Mobility		• Can be transported to various locations and deployed with minimal set up, making them ideal for temporary deployments, disaster recovery, or remote operations.
Scalability & flexibility		• The modular design allows for easy scaling up or down to meet changing IT needs.
Integration & Efficiency		• Includes integrated power, cooling, networking, and IT systems in a compact unit.
Cost-effective		• The faster deployment, lower operational costs, and flexibility of container data centers can lead to significant cost savings over time.

Example

A telecom company needs to expand 5G coverage in a remote area. Instead of building a new data center, they deploy a container data center on-site. Delivered by truck and operational within hours, it provides local computing power and reduces latency—offering a fast, cost-effective solution.

Chapter 3. Release Note

Feature Updates

7th March 2023

1.

Feature	Summary
Weather API	Completed full integration with ABC API.

Key Benefits

    a. Air quality metrics: AQI, PM10, PM2.5, NO2, SO2, CO, O3, NH3, NO and pollen level.

    b. Atmospheric conditions: Temperature, Humidity, Wind Gusts, Wind Speed, Wind Direction.

2.

Feature	Summary
Table Widget	Parameters can now be tracked at an equipment level.

Key Benefits

    a. Users can now track On, Idle and Off time for each piece of equipment.

    b. Users can customize parameters and ranges based on client needs.

3.

Feature	Summary
Carbon Intensity API	UK regional Carbon Intensity forecast.

2-Day Carbon Intensity Forecast

+ Today	☀ 248	↑ 289	↓ 202
+ Wed	☀ 253	↑ 276	↓ 209
+ Thu	☀ 215	↑ 255	↓ 154

Values are the average, max, and min Carbon Intensity in gCO_2/kWh for each day

Key Benefits

a. Forecasts carbon intensity and generation mix 96+ hours ahead for each of the 14 geographical regions in Great Britain.

b. Clients can now schedule and minimise CO2 emissions at regional level.

c. Includes emissions from all large-metered power stations, interconnector imports, and transmission & distribution losses.

d. Powered by state-of-the-art machine learning and sophisticated power system modelling.

e. Applies to electricity generation only. Accounts for national electricity demand, embedded wind, and solar generation.