

# Módulo 1

## História do Microsoft Power BI

- Lançamento Julho/2015
- Origem do Excel
- Power BI Desktop (Power Pivot, Power Query e Power View)

Referências Microsoft:

- <https://support.microsoft.com/pt-br/office/iniciar-o-suplemento-power-pivot-para-o-excel-a891a66d-36e3-43fc-81e8-fc4798f39ea8>
- <https://support.microsoft.com/pt-br/office/como-o-power-query-e-power-pivot-funcionam-em-conjunto-a5f52cba-2150-4fc0-bb8f-b21d69990bc0>
- <https://support.microsoft.com/pt-br/office/power-view-vis%C3%A3o-geral-e-aprendizagem-5380e429-3ee0-4be2-97b7-64d7930020b6>

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## Processo de atualização da ferramenta

- Novidades: <https://powerbi.microsoft.com/en-us/blog/power-bi-may-2021-feature-summary/>
- Novidades: <https://powerbi.microsoft.com/en-us/blog/power-bi-april-2021-feature-summary/>
- Votação: <https://ideas.powerbi.com/ideas/>

The screenshot shows a blog post titled "Power BI May 2021 Feature Summary" by Jeroen ter Heerd. The post discusses various updates and includes a preview of visual tooltips. A "Download Power BI Desktop" button is visible at the bottom.

The screenshot shows a feature request titled "Add expand/collapse feature to column headers". It has 8031 votes and is currently "UNDER REVIEW". The request details the desire for a feature similar to what was shipped for row headers in November.

Fonte: Microsoft

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## Licenças do Power BI

- **Power BI Desktop – Free**
- <https://powerbi.microsoft.com/en-us/pricing/>

The screenshot shows the Microsoft Power BI Pricing page. At the top, there's a navigation bar with links for Overview, Products, Pricing, Solutions, Partners, Resources, and Community. To the right are search, sign-in, try free, and buy now buttons.

The main content area displays three pricing plans:

- Power BI Pro:** Priced at \$9.99 per user/month. It includes Power BI Pro features and can be purchased with a credit card. A "Buy now >" button and a "Try free >" button are available.
- Power BI Premium:** Priced at \$20 per user/month. It includes advanced AI features and can be purchased with a credit card. A "Buy now >" button and a "Try free >" button are available.
- Power BI Premium Capacity:** Priced from \$4,995 per capacity/month. It allows for enterprise-scale access and management. A "Contact sales >" button is available.

Each plan has a detailed description and a list of included features or requirements.

Fonte: Microsoft

DATA  
BI

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## Licenças do Power BI

- **Power BI Desktop – Free**
- <https://docs.microsoft.com/en-us/power-bi/fundamentals/service-features-license-type>

License type	Capabilities when workspace is in shared capacity	Additional capabilities when workspace is in Premium capacity
Power BI (free)	Access to content in My Workspace	Consume content shared with them
Power BI Pro	Publish content to other workspaces, share dashboards, subscribe to dashboards and reports, share with users who have a Pro license	Distribute content to users who have free licenses
Power BI Premium Per User	Publish content to other workspaces, share dashboards, subscribe to dashboards and reports, share with users who have a Premium Per User license	Distribute content to users who have free and Pro licenses

Fonte: Microsoft



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## Download & Instalação do Power BI Desktop

- Power BI Desktop
- <https://www.microsoft.com/pt-BR/download/details.aspx?id=58494>
- Atenção: Versão do Windows 10 em diante – Abril/Maio 2021 em diante PBI Desktop não roda no Windows 7.

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## Hands On – Mão na Massa

- Projeto com número de vacinações no Estado de Pernambuco
- O arquivo de dados deste dashboard está disponível no plataforma da EBAC no material de apoio

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Exemplo de Evidência da atividade:

Vacinacao PE - Power BI Desktop

Arquivo Página Inicial Inserir Modelagem Exibição Ajuda

Colar Recortar Copiar Pincel de formatação

Área de Transferência

Obter dados Excel Conjuntos de dados do Power BI SQL Inserir Dataverse Server dados Fontes recentes Transformar Atualizar dados Consultas

Novo visual Caixa de texto Mais visuais Inserir

VACINAÇÃO NO ESTADO DE PERNAMBUCO

Total Vacinados

Contagem de vacina\_codigo por Mês

Contagem de vacina\_codigo por vacina\_nome

Visualização

Filtros

Valores

Adicionar os c.

Drill-through

Relatório cruzado

Desativado

Manter todos o

Ativado

Adicionar os c.

3.27 Mi

0,00 Mi 10 Mi

1,0 Mi 0,5 Mi

2,0 Mi 1,5 Mi 1,0 Mi 0,5 Mi 0,0 Mi

janiero 120816 279522 712494 911318 631211 612453

março abril maio junho

Covid-19 Coronavac/BioEva/Butantan 1748985

Vacina Covid-19 - Covishield 1299885

Covid-19 AstraZeneca 125799

Vacina covid-19 - BNT162b2 BioNTech/Fosun Pharma/Microsoft 93587