Ah, the joy of diving into a dataset — it’s like embarking on a treasure hunt, only with fewer pirates and more Excel sheets. Let me take you on a whimsical journey through the creation of an employee dashboard that started with a humble Excel worksheet and ended with insights worthy of a data wizard’s applause.

It all began during my time at a bootcamp, where I stumbled upon an Excel worksheet brimming with the details of over 22,000 employees. Birthdates, job titles, locations — you name it, this spreadsheet had it all. As I gazed upon this sea of data, I knew there was a story waiting to be told, and I was determined to be its bard.

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Excel worksheet

With a flick of my wrist (and a click of a mouse), I imported the data into PowerBI, ready to wrangle and tame this unruly beast. The first order of business? Data cleaning, of course! I scrubbed those headers until they sparkled, ensuring they were grammatically correct and formatted to perfection. Birthdates were coerced into Date and Time format, ready to reveal their secrets.

But oh, the Fact table! So cluttered, so chaotic. It was like trying to navigate a crowded street during rush hour. To bring order to the chaos, I crafted two dimensions tables: the Employee dim table and the Location Table. Like knights in shining armor, they swooped in to rescue the damsel in distress (aka, the Fact table).

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Employee Fact Table

In the Employee dim table, I gathered vital information about our intrepid employees: names, departments, genders — you name it, I corralled it. Each employee was bestowed with a unique ID, ready to embark on their journey through the dashboard. And let’s not forget the Location dim table, home to the brave souls scattered across our company’s HQ and remote outposts.

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Employee Fact Table and Location table

With the data cleaned and organized, it was time to unleash the power of visualization upon the world. The PowerBI dashboard came alive with insights aplenty. Total employees hired? Check. Gender distribution? Check. Number of remote warriors? Double check.

But the real magic happened when I delved into departmental dynamics. Engineering reigned supreme, with accounting hot on its heels. Sales, alas, lagged behind, like the underdog in a race against thoroughbreds. The remedy? Perhaps a sprinkle of sales savvy in the form of new hires or departmental reshuffling.

And let’s not forget the tale of the ages: the rise of the company from its humble beginnings in the year 2000. From a mere 169 employees to a bustling workforce of 769 by 2020, it was a saga of growth worthy of an epic poem.

As I bid adieu to my data adventure, I left behind a trail of recommendations, like breadcrumbs for the company to follow. Hire more sales superheroes or unleash the potential of existing employees — the choice was theirs.

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DashBoard

And thus, my journey from data chaos to clarity came to a close. But fear not, dear reader, for the adventure never truly ends when you’re armed with PowerBI and a penchant for data storytelling. Onward, to the next quest!

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