Python Developer Salary India 2026-2031 PDF

Self-reported PayScale data (228 profiles, updated 26 August 2026) puts the average Python Developer base salary in India at about Rs 5.4 lakh a year. Freshers with under 1 year average about Rs 3.6 lakh total pay, and those with 1 to 4 years about Rs 5.9 lakh. Python developers who move into senior software, data engineering, data science or ML roles see much higher averages, about Rs 9.9 lakh to Rs 16.9 lakh on PayScale.

Key takeaways

- PayScale (self-reported, 228 profiles, updated 26 August 2026): Python Developer average base pay about Rs 5.4 lakh, typical range Rs 2.0 lakh to about Rs 10 lakh.
- Entry level (under 1 year) averages about Rs 3.6 lakh total pay from only 17 salaries, and 1 to 4 years about Rs 5.9 lakh (176 salaries).
- PayScale shows mid-career Python developers earning about 59% above the role average, but gives no rupee figure.
- Indeed lists Hyderabad and Pune as top-paying cities at about Rs 9.5 lakh and Rs 9.3 lakh, though its national sample is small.
- Python plus data skills opens higher-paying paths: Data Engineer about Rs 9.9 lakh, Data Scientist about Rs 10.1 lakh, ML Engineer about Rs 10.2 lakh on PayScale.

How to read these numbers

Every salary in this report comes from a page we opened on PayScale India or Indeed India. Both are built from pay that people report themselves, and Indeed also uses job postings. So treat them as a guide.

- **Base pay vs total pay.** Base is your fixed salary. Total pay adds bonus and other cash. PayScale's experience-level figures are total pay.
- **Small samples.** PayScale's fresher figure comes from only 17 salaries. Indeed's national average comes from only 31 salaries and was last updated on 20 February 2026, so it is older and less reliable than the PayScale data.
- **Job title matters.** Many people who code in Python every day are called Software Engineer, Data Engineer or Data Scientist, not Python Developer. Those titles often pay more, so we show them too.
- **Your offer will differ** by company, city, frameworks you know and interview performance.

We tried to open AmbitionBox and Glassdoor pages, but they blocked access, so no numbers from those sites are used.

Python developer salary by experience

Experience	Average pay (per year)	Based on	Source
Fresher (under 1 year)	Rs 3.6 lakh (total pay)	17 salaries	PayScale, Python Developer
1 to 4 years	Rs 5.9 lakh (total pay)	176 salaries	PayScale, Python Developer
5 to 9 years	59% above the role average (rupee figure not shown)	not shown	PayScale, Python Developer
All levels (average base)	Rs 5.4 lakh	228 profiles	PayScale, Python Developer
All levels (average base)	Rs 2.9 lakh	31 salaries	Indeed India (Feb 2026)
Senior Software Engineer, 1 to 4 years	Rs 12.2 lakh (total pay)	984 salaries	PayScale, Senior Software Engineer

PayScale's typical base range is about **Rs 2.0 lakh to Rs 10 lakh** (10th to 90th percentile). PayScale does not give a rupee figure for 5 to 9 years, so we do not make one up. The Senior Software Engineer row shows what Python developers who grow into senior engineering roles can earn: about Rs 12.2 lakh total pay even in the 1 to 4 year band.

Salary by city

Indeed India (updated 20 February 2026) lists these top-paying cities. It does not give a sample size per city, and its national sample is only 31 salaries, so treat these as rough.

City	Average base pay (per year)
Hyderabad	Rs 9.5 lakh
Pune	Rs 9.3 lakh
Mumbai	Rs 7.9 lakh
Noida	Rs 7.7 lakh
Bengaluru	Rs 7.1 lakh

These city averages are far above Indeed's national average of Rs 2.9 lakh, which shows how much small samples can swing. PayScale lists Bangalore, Ahmedabad, Chennai, Pune and Mumbai among the main cities for Python developers, without city pay figures.

Salary by company type

Product and mid-size tech companies. Indeed's top-paying companies for Python developers, based on job postings over the past 36 months, include Xoriant Solutions (about Rs 20 lakh), Tech Mahindra (about Rs 18 lakh), Systech Solutions (about Rs 17.5 lakh) and Anlage Infotech (about Rs 17.5 lakh). These are usually experienced roles.

IT services companies (mass hiring). These hire many freshers at fixed packages. Business Today (25 December 2025) reported Infosys packages of **Rs 7 lakh** for Digital Specialist Engineer trainees and **Rs 11 lakh, Rs 16 lakh and Rs 21 lakh** for Specialist Programmer L1, L2 and L3, with Infosys group CHRO Shaji Mathew confirming packages of up to Rs 21 lakh. EnggWave (21 March 2026) reported TCS NQT packages of **Rs 3.36 lakh** (Ninja), **Rs 7 lakh** (Digital) and **Rs 9 lakh** (Prime) for undergraduates. We could not open an official TCS notice, so confirm these on the TCS careers site. The higher bands need strong test scores and coding or AI skills.

Startups and small firms. These often hire Python developers for web backends (Django, Flask) and automation. Pay varies a lot, so always compare against the PayScale range above.

Skills that raise your pay

PayScale lists these as top Python Developer skills: **Python, Django, SQL, REST APIs, data analysis, AWS, Flask, machine learning, Pandas and software development**. PayScale does not show the pay effect of each skill, so use the list as a checklist.

Python developers who earn more usually:

- Know one framework deeply, such as Django or FastAPI
- Write clean, tested code and use Git well
- Design databases and write good SQL
- Deploy apps on a cloud like AWS
- Add data skills (Pandas, data pipelines) or ML skills, which open higher-paying roles

Next roles and their pay

PayScale averages (self-reported, base pay, all experience levels):

Next role	Average base pay	Based on	Extra skills usually needed
Data Engineer	Rs 9.9 lakh	1,143 profiles (Oct 2026)	SQL, Spark, data pipelines, cloud
Data Scientist	Rs 10.1 lakh	1,122 profiles (Sep 2026)	Statistics, machine learning
Machine Learning Engineer	Rs 10.2 lakh	232 profiles (Jul 2026)	ML, deployment, MLOps
Senior Software Engineer	Rs 16.9 lakh	3,696 profiles (Oct 2026)	System design, code reviews, mentoring

Python is one of the few languages that leads to both software and data careers, so you can choose the path that suits you after 2 or 3 years.

How AI changes the Python developer role

AI coding assistants write a lot of Python now, especially simple scripts and boilerplate code. This makes basic coding less rare.

- Naukri's World AI Day Report 2026 (via Telangana Today) found AI skills in **15.4%** of tech job descriptions, up from 0.9% in 2020, and says people with AI skills earn higher median salaries.
- Naukri JobSpeak for October 2026 (via CareerIndia) showed AI/ML hiring up **32%** year on year, while general software and QA hiring grew only 1%.
- WEF's Future of Jobs Report 2025 (via People Matters) lists software developers, AI and machine learning specialists and big data specialists among the fastest-growing jobs.

Python is the main language of AI work. Developers who can build AI features, connect apps to language models, and check and fix AI-written code are in a strong position. Developers who only write simple scripts face more pressure.

Year by year: what to learn and expect

2026

Learn core Python, data structures, SQL and Git. Build 2 or 3 projects: a web app with Django or Flask and a data project with Pandas. PayScale's entry average of about Rs 3.6 lakh (small sample) is a rough benchmark.

2027

In your first job, learn testing, code reviews and deployment. Use AI assistants, but read and test every line.

2028

With 1 to 2 years, aim for a raise or switch. PayScale's 1 to 4 year average is about Rs 5.9 lakh. Pick a direction: backend, data engineering or ML.

2029

Go deeper in your chosen path. Learn system design for backend, or Spark and cloud data tools for data engineering, or ML deployment for ML roles.

2030

WEF expects 39% of workers' existing skills to change by 2030. Learn to build with AI models and to test AI features.

2031

No source we opened publishes Python developer salary forecasts for 2031, so we do not give one. With about 5 years and strong skills in one path, you are best placed for senior software engineer, data engineer or ML engineer roles.

A 5-step plan for a student

1. **Learn Python properly.** Basics, data structures, functions, classes and error handling.

2. **Add SQL and Git.** Every Python job uses them.
3. **Pick one framework and one data library.** Django or Flask for web, Pandas for data.
4. **Build and deploy 3 projects.** Put them on GitHub and a cloud server with clear notes.
5. **Apply widely and compare.** Apply for Python, backend, data and IT services roles. Compare offers with the PayScale and Indeed numbers in this report.

Frequently asked questions

What is the salary of a Python developer fresher in India?

PayScale (self-reported, updated August 2026) shows about Rs 3.6 lakh a year total pay for Python developers with under 1 year, but this is based on only 17 salaries.

How much does a Python developer earn with 1 to 4 years?

PayScale shows about Rs 5.9 lakh a year total pay, based on 176 salaries.

Which city pays Python developers the most?

Indeed India (February 2026) lists Hyderabad first at about Rs 9.5 lakh, then Pune, Mumbai, Noida and Bengaluru. The sample is small.

Will AI replace Python developers?

No source we opened says so. Python is the main language for AI work, and Naukri shows AI/ML hiring up 32% in October 2026. Simple scripting is being automated, so deeper skills matter more.

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Sources and further reading

- PayScale: Python Developer salary in India (self-reported)
- PayScale: Senior Software Engineer salary in India (self-reported)
- PayScale: Data Engineer salary in India (self-reported)
- PayScale: Data Scientist salary in India (self-reported)
- PayScale: Machine Learning Engineer salary in India (self-reported)
- Indeed India: Python Developer salaries (self-reported and job postings)
- Business Today: Infosys hikes fresher pay to Rs 21 lakh for specialised tech roles (December 2025)
- EnggWave: TCS NQT hiring 2026, Ninja, Digital and Prime packages (news report, not an official TCS notice)
- Telangana Today: AI skills feature in 15.4% of tech job descriptions (Naukri World AI Day Report 2026)
- CareerIndia: Naukri JobSpeak October 2026, AI and ML roles jump 32%
- People Matters: 170 million jobs to emerge by 2030 but 92 million at risk, WEF warns (Future of Jobs Report 2025)

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